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U.S. Department of Agriculture

MASSER

ONLY THE BEST SEEDS
BULBS AND PLANTS

*The trucker who profits
uses Masser's Seeds*

A.W.MASSER SEED HOUSE
910 PENN STREET
READING, PA.

THE PLANTER'S GUIDE

February	March	April	May	June	July	August	September
Sow in Hotbed Broccoli Early Cabbage Forcing Carrot Early Celery Cucumber Eggplant Early Lettuce Parsley Pepper Radish Tomato	Sow in Hotbed Early Beets Brussels Sprouts Early Cabbage Forcing Carrot Cauliflower Celery Eggplant Kohl Rabi Lettuce Parsley Pepper Radish Tomato	Sow in Hotbed Cucumber Eggplant Melon Pepper Tomato In Open Ground Asparagus Beans Beets Brussels Sprouts Early Cabbage Carrot Cauliflower Celery Cress Kohl Rabi Lettuce Melon Onion Parsley Parsnip Peas Potatoes Radish Spinach Early Turnip	In Open Ground Artichoke Asparagus Beans, Bush and Running Beets Brussels Sprouts Carrot Cauliflower Celery Sweet Corn Cress Cucumber Kohl Rabi Leek Lettuce Melon Onion Parsley Parsnip Peas Potatoes Radish Salsify Spinach Early Turnip	In Open Ground Beans, Lima and all other sorts Beets Broccoli Brussels Sprouts Late Cabbage Carrot Cauliflower Sweet Corn Cress Cucumber Endive Kale Kohl Rabi Lettuce Nasturtium Okra Kohl Rabi Lettuce Melon Nasturtium Okra Early Peas Pumpkin Radish Spinach Squash Herbs	In Open Ground Beans Beets Carrot Sweet Corn Corn Salad Cress Cucumber Endive Gherkin Kale Kohl Rabi Lettuce Nasturtium Okra Early Peas Pumpkin Radish Spinach Squash White Turnip	In Open Ground Beans, Bush Chervil Corn Salad Cucumber Endive Kale Lettuce Welsh Onion Early Peas Radish Spinach Turnip Rutabaga	In Open Ground Cabbage for cold frames Cauliflower for cold frames Chervil Corn Salad Cress Siberian Kale Lettuce Mustard Winter Radish Spinach Turnip Sweet Peas
Masser's Truckers Favorite Tomato A Wonderful Money Maker							We Suggest a Trial of Our Cauliflower Three Distinct Varieties

Quantity of Seeds Usually Sown per Acre

Asparagus Roots, 4x1 ft.	10,000
Barley, broadcast.	2 to 3 bushels
Beans, dwarf, in drills.	1½ bushels
Beans, pole, in drills.	10 to 12 quarts
Beets, in drills.	5 to 6 pounds
Broom Corn, in drills.	8 to 10 pounds
Buckwheat.	1 bushel
Cabbage, in beds, to transplant.	¼ pound
Carrots, in drills.	3 to 4 pounds
Corn, in hills.	8 to 10 quarts
Corn, for fodder.	3 bushels
Cow Peas.	1½ to 2 bushels
Cucumber, in hills.	2 pounds
Melon, Musk, in hills.	2 to 3 pounds
Melon, Water, in hills.	4 to 5 pounds
Mustard, broadcast.	25 pounds
Oats, in drills.	2 to 3 bushels
Onion, in drills.	5 to 6 pounds
Onion, for sets, in drills.	50 pounds
Parsnip, in drills.	4 to 6 pounds
Peas, in drills.	1½ bushels
Peas, broadcast.	3 bushels
Potatoes, cut tubers.	3 to 4 pounds
Pumpkin, in hills.	8 to 10 pounds
Radish, in drills.	8 to 10 pounds
Rape, Dwarf Essex, broadcast.	5 to 6 pounds
Rye, broadcast.	1½ bushels
Sage, in drills.	8 to 10 pounds
Salsify, in drills.	8 to 10 pounds
Spinach, in drills.	10 to 12 pounds
Spinach, broadcast.	30 pounds
Squash, bush varieties, in hills.	4 to 6 pounds
Squash, running, in hills.	3 to 4 pounds
Sugar Cane or Sorghum.	10 to 12 pounds
Tomato, to transplant.	¼ pound
Turnip, in drills.	1½ pounds
Turnip, broadcast.	2 to 4 pounds
Vetches, broadcast.	45 to 60 pounds
Wheat, broadcast.	1½ to 2 bushels

Grass Seeds to the Acre

Clover, Alfalfa.	20 pounds
Clover, Alsike.	12 pounds
Clover, Crimson.	12 to 15 pounds
Clover, Red.	10 to 15 pounds
Clover, White Blossom, sweet.	25 pounds
Clover, White Dutch.	10 pounds
Grass, Blue.	2½ to 3 bushels
Grass, Orchard.	1½ to 2 bushels
Grass, Pasture.	2½ to 3 bushels
Grass, Red Top.	1½ to 2 bushels
Grass, Rye.	1½ to 2 bushels
Grass, Sudan, broadcast.	15 to 20 pounds
Grass, Sudan, in rows.	2 to 3 pounds

Grass, mixed, for lawns.	5 bushels
Millet, Hungarian.	1 bushel
Millet, German.	1 bushel
Millet, White Wonder.	1 bushel
Millet, Japanese.	15 pounds
Timothy.	15 pounds

Table Showing Weight of Various Articles

	per bushel
Barley.	48 lbs.
Beans.	60 lbs.
Buckwheat.	48 lbs.
Broom Corn.	46 lbs.
Blue Grass.	14 lbs.
Clover Seed.	60 lbs.
Corn, Field, shelled.	56 lbs.
Corn, on the ear.	70 lbs.
Hemp Seed.	40 lbs.
Millet, Hungarian.	48 lbs.
Millet, Japanese.	32 lbs.
Millet, German.	50 lbs.
Oats.	32 lbs.
Onion Sets.	32 lbs.
Orchard Grass.	14 lbs.
Perennial Rye Grass.	24 lbs.
Peas.	60 lbs.
Rape, Dwarf Essex.	60 lbs.
Red Top Grass Seed.	10 lbs.
Rye.	56 lbs.
Spinach.	40 lbs.
Timothy Seed.	45 lbs.
Top Onions.	28 lbs.
Turnip.	55 lbs.
Vetches.	60 lbs.
Wheat.	60 lbs.

Number of Plants to the Acre

Distance Apart	No. of Plants
1 foot by 1 foot.	43,560
1½ feet by 1½ feet.	19,360
2 feet by 1 foot.	21,780
2 feet by 2 feet.	10,890
2½ feet by 2½ feet.	6,969
3 feet by 2 feet.	7,600
3 feet by 3 feet.	4,840
4 feet by 4 feet.	2,722
5 feet by 4 feet.	2,178
5 feet by 5 feet.	1,742
6 feet by 6 feet.	1,210
8 feet by 8 feet.	680

Number of Plants Produced from an Ounce of Seed

Asparagus.	about 300
Broccoli.	about 2,000
Cabbage.	about 2,000

Cauliflower.	about 2,000
Celery.	about 3,000
Egg Plant.	about 1,000
Endive.	about 3,000
Kale.	about 2,000
Leek.	about 1,000
Lettuce.	about 3,000
Pepper.	about 2,000
Tomato.	about 3,000
Sage.	about 1,000
Thyme.	about 5,000

Time Required for Maturity of Different Garden Crops Reckoned from Day of Planting the Seed

Beans, String.	45 to 65 days
Beans, Shell.	65 to 75 days
Beet, Table.	65 days
Beets, Stock.	150 days
Cabbage, Early.	105 days
Cabbage, Late.	150 days
Cauliflower.	110 days
Corn.	70 to 120 days
Egg Plant.	150 to 160 days
Lettuce, Heading.	65 days
Melon, Water.	120 to 140 days
Melon, Musk.	120 to 140 days
Onion.	135 to 150 days
Pepper.	140 to 150 days
Radish.	30 to 40 days
Squash, Summer.	60 to 65 days
Squash, Winter.	125 days
Tomato.	150 days
Turnip.	60 to 70 days
Spinach, average time.	45 to 65 days

Average Time Required for Garden Seed to Germinate

Beans.	5 to 10 days
Beet.	7 to 10 days
Cabbage.	5 to 10 days
Carrot.	12 to 18 days
Cauliflower.	5 to 10 days
Corn.	5 to 8 days
Cucumber.	6 to 10 days
Endive.	5 to 10 days
Lettuce.	6 to 8 days
Onion.	7 to 10 days
Peas.	6 to 10 days
Parsnip.	10 to 20 days
Parsley.	15 to 21 days
Pepper.	9 to 14 days
Radish.	3 to 6 days
Spinach.	7 to 12 days
Salsify.	7 to 12 days
Tomato.	6 to 12 days
Turnip.	4 to 8 days

QUANTITY OF SEED TO SOW A SINGLE ROW OF 100 YARDS

Quantity of Seed to Sow a Single Row of 100 Yards

Asparagus.	8 oz.
Beans, Bush.	3 qts.
Beans, Lima.	3 pts.
Beans, Pole.	3 pts.
Beet.	5 oz.
Broccoli.	5 oz.
Brussels Sprouts.	1 oz.
Cabbage.	2 oz.
Carrot.	3 oz.
Cauliflower.	2 oz.
Celery.	3 oz.

Collards.	3 oz.
Corn.	1 pt.
Cress.	4 oz.
Cucumber.	4 oz.
Dandelion.	3 oz.
Egg Plant.	1 oz.
Endive.	2 oz.
Kohl Rabi.	2 oz.
Leek.	2 oz.
Lettuce.	2 oz.
Melon, Musk.	2 oz.
Melon, Water.	3 oz.
Mustard.	4 oz.
Okra.	12 oz.

Onion (for large bulbs).	2 oz.
Onion (for sets).	8 oz.
Parsley.	2 oz.
Parsnip.	3 oz.
Peas.	3 qts.
Pepper.	1 oz.
Pumpkin.	2 oz.
Radish.	6 oz.
Rhubarb.	4 oz.
Salsify.	6 oz.
Spinach.	3 oz.
Squash.	1 oz.
Tomato.	3 oz.
Turnip.	3 oz.

A. W. MASSER SEED HOUSE

SEED MERCHANTS WHOLESALE AND RETAIL

BULBS : : FERTILIZERS : : INSECTICIDES
FARM SUPPLIES, IMPLEMENTS and REPAIRS

910 PENN STREET : : : READING, PENNA.

January, 1929.

A LETTER TO OUR CUSTOMERS

MASSER'S SEED SERVICE

WHAT IT MEANS TO YOU

When you buy seeds you are entitled to more than a paper envelope with seeds in it—or a bag full of seed corn, peas, beans or whatever it may be—you are entitled to the assurance that the seeds will grow crops.

We again afford an opportunity of handing you a copy of our seed annual, more complete than ever before, and we are sure you will find it covers every angle of your requirements for a successful, profitable and interesting garden, either vegetable or flower.

Please be careful to sign your Name, Post Office, County and State on every letter sent us. Write plainly.

You run no risk in sending money with order. Inquire of any Bank or Trust Co. or of your neighbors, as to our responsibility. Remit at our risk by Post Office Money Order, Check, Draft, Express Order, Cash or Stamps. Use registered letter if you send cash.

If your order amounts to \$10.00 or over and doesn't call for more than Five Pounds of Peas, Beans or Corn we will prepay all charges.

"Quotations by Express" means that the price quoted is packed F. O. B. Station Reading, purchaser paying carrying charges either by express or freight. Freight and Express service is now greatly congested and deliveries are sometimes slow. It is our desire to give our customers the benefit of any method of transportation that may be the most economical for them. Should you be in doubt as to the best method we would suggest that you leave it to us, as we can give you the benefit of our wide shipping experience.

I endeavor to send out the very best quality seeds, but I cannot guarantee results of crops. If my customers are not willing to accept orders on these conditions they can be returned within ten days and the price paid for them will be refunded.

For your success,

Aug. W. Masser

Masser's Choice Flower Seeds

A. W. MASSER SPECIAL



ASTER

Masser's Giant Dark Blue Aster

These flowers are of immense size, usually measuring 5 to 6 inches in diameter, and they are quite thick through the center. The petals of the flowers are most attractively curved and twisted double. They are borne on long and strong stems. This aster is one of our big sellers and is a favorite of the class. 25c. per pkt.

Masser's Large New Fancy Yellow Aster

This is by far the best yellow our growers have yet grown. It is fairly large and fully double. 25c. per pkt.

Masser's Giant Double Dahlia Flowered Zinnia

The plant is striking and spectacular in appearance and distinctly bespeaks its vigor and sturdy growth, which reaches a height of from three to four feet. The large, magnificent blooms that greatly resemble Decorative Dahlia and average from four to five inches across are borne on strong stems, clear of foliage, which make them very desirable for cut flower as well as garden decoration.

Crimson Monarch, Dahlia Zinnia

One of the best of the Dahlia-Flowered Zinnias with flowers of immense size. They are a bright and an attractive shade of crimson-scarlet. The blooms are of perfect form and are borne in great profusion. Pkt., 25c.; $\frac{1}{16}$ oz., 60c.; $\frac{1}{8}$ oz., 90c.

Canary Bird, Yellow Dahlia Zinnia

A lovely shade of bright primrose. The flowers are very large and hold their color well until they have passed their prime. Pkt., 25c.; $\frac{1}{16}$ oz., 60c.; $\frac{1}{8}$ oz., 90c.; $\frac{1}{4}$ oz., \$1.45.

Masser's New Blue Petunia

This new color in Petúnias is a very pleasing one, never before on the market. It is the most beautiful border plant, always blooming and grows in any soil. The seed we offer comes true-blue. It attracted much attention at the 1927 Reading Fair. Pkt., 25c.



GIANT ZINNIA

Asparagus

Asparagus grows better and produces earlier in the spring if planted in well-drained soil having a southern exposure.

Roots are out of season during June to September.

BARR'S MAMMOTH. The stalks are very large, with few scales; they retain their thickness up to the top and have close, round heads. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.20.

PALMETTO. Large, thick dark green shoots with pointed tip. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.20, postpaid.

ROOTS. One year old: 50 for 65c.; 100 for \$1.10, postpaid. By express at purchaser's expense, 100 for 80c.; 1000 for \$6.25.

ROOTS. Two year old: 50 for 80c.; 100 for \$1.40, postpaid. By express, at purchaser's expense, 100 for \$1.25; 1000 for \$12.00.

Beans

WAX OR YELLOW PODDED BUSH VARIETIES

Culture. Bush Beans may be had throughout the season, by planting at intervals of two weeks, from the beginning of May until the middle of August; they should be planted in drills two feet apart and one inch deep.

BRITTLE WAX. The earliest of all wax beans. Round pod, nearly straight and measure four and a half to six inches in length; entirely stringless. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 70c.; pk., \$4.40.

ROUND POD KIDNEY WAX. Round pod, stringless, very productive. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 70c.; pk., \$4.40.

NEW KIDNEY WAX. Robust in growth and very prolific with long pods, entirely stringless, fleshy, and of fine quality. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 70c.; pk., \$4.40.

WARDWELL'S KIDNEY WAX. A very popular variety of Wax Bean, bearing long, flat pods of a delicate waxy yellow, stringless and brittle, producing a heavy crop. The pods mature a little later than Golden Wax, but are produced in great abundance. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 70c.; pk., \$4.40.

PENCIL POD BLACK WAX. Extra fine round yellow pods. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 70c.; pk., \$4.40.

CRYSTAL WAX. Very meaty, round pods, waxy in color. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 70c.; pk., \$4.40.

BOUNTIFUL WAX. Hardy, early and prolific, long flat, entirely stringless. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 70c.; pk., \$4.40.

DAVIS KIDNEY WAX. The handsomest of all the early Wax Beans. The pods are long (seven inches), straight, very uniform and clear waxy white. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 70c.; pk., \$4.40.

IMPROVED GOLDEN WAX. Counted by many to be superior to all others. This bean, introduced in 1876, still continues the standard variety for home use. The pods are long, nearly straight, broad, half-round, golden yellow, very fleshy and wax-like. They cook quickly as snap beans, and are of the highest quality. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 70c.; pk., \$4.40.

PROLIFIC BLACK WAX (Cylinder Pod). Dwarf bush growth and very prolific, one of the earliest. Pods four to five inches in length, usually curved, quite round; meaty, brittle and stringless; deep golden yellow of excellent flavor. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 70c.; pk., \$4.40.

STRINGLESS REFUGEE WAX. A vigorous, productive, resistant variety of good quality. The plants are dwarf, with runner-like branches. The pods measure four and a half to five inches in length and are gracefully curved. Slightly stringy, of light-yellow color. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$4.00.

GREEN-PODDED BUSH VARIETIES

EARLIEST RED VALENTINE. This variety is usually ready to pick in 35 days from time of planting. $\frac{1}{2}$ pt., 20c.; pt., 30c.; qt., 55c.; pk., \$4.00.

BLACK VALENTINE. The pods are round, very fleshy and entirely stringless. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$4.00.

BOUNTIFUL. This one is the best of the flat-podded stringless varieties. The light green pods are $6\frac{1}{2}$ to 7 inches long, flat, slightly curved, absolutely stringless, attractive and of very fine quality. At the same time it is very early, vigorous hardy and a heavier yielder. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$4.00.



IMPROVED ROUND-POD RED VALENTINE BEAN

GIANT STRINGLESS GREEN POD. This bean is absolutely stringless. Fine large round fleshy tender pod. As early as Six Weeks, with the advantage of being a better cropper. The plants are of strong growth, very productive, pods 5 inches long, light green, slightly curved, very meaty, being broadly rounded, saddle-backed and absolutely stringless. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$4.00.

REFUGEE, OR THOUSAND TO ONE. Very tender and productive. Splendid for late planting. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$4.00.

BURPEE'S STRINGLESS GREEN POD. This Bean is very early, productive, hardy and vigorous; the pods average about 5 inches long, straight, stout, round, crease-backed, and of a dark green color. They are tender, brittle, of the finest flavor and quality, and strictly stringless. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$3.00.

RED KIDNEY. This variety is extensively used by many people for baking. We have a prolific type that is very desirable. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$3.50.

WHITE KIDNEY. Excellent shell bean. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$3.50.

IMP. BOSTON PEA OR NAVY. Choicest Northern grown seed. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$3.50.

WHITE MARROW. Fine early shell bean. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$3.50.

DWARF HORTICULTURAL (Bird Egg). The green shell, beans are of good size, tender and of fine flavor. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$3.50.

Dwarf or Bush Lima Beans

Culture. Select land that is especially warm, rich and well supplied with vegetable fibre or humus. Plant eye downward and two inches deep as soon as the soil becomes warm in the spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row.

DREER'S BUSH LIMA. A dwarf form of Dreer's improved or challenger Lima. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$4.40.

BURPEE'S BUSH LIMA. Bushes grow 18 to 20 inches high, of stout growth and always erect. It is immense yielder, large lima. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$4.40.

BURPEE'S IMP. BUSH LIMA. The pods are truly enormous in size, borne abundantly and well filled with handsome beans and fully eight days earlier. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$4.40.

FORDHOOK BUSH LIMA. Very tender and juicy and sweet in flavor when cooked. Beans are very large in size. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 65c.; pk., \$4.80.

HENDERSON BUSH LIMA. This is a small podded, very clearly sieva or butter bean of the south, growing in compact bush form. Beans are of very good flavor and very easy to shell. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 65c.; pk., \$4.40.

Pole Lima Beans

Culture. Pole Limas do best in a sandy loam, and if season is suitable may be planted about May 1st. Set the poles about 4 feet apart each way and plant 4 to 6 beans, eye downward around each pole, and when plants are up, thin out to 3 plants to a pole. Pinch off the ends when plants over-run the top of the poles. It is well to use a shovelful of rich, light, well-rotted compost to each hill.

LARGE WHITE POLE BEANS. This is the old standard strain; pods and beans are of large size. $\frac{1}{2}$ pt., 20c.; pt., 30c.; qt., 55c.; pk., \$4.00.

KING OF THE GARDEN. A strong grower and uniformly large podded. The pods frequently contain five or six very large beans. These beans are of excellent quality, easily shelled, of large size and handsome appearance. $\frac{1}{2}$ pt., 20c.; pt., 30c.; qt., 55c.; pk., \$4.00.

EARLY JERSEY LIMA. Very early and productive. Pods are large and the lima very juicy. $\frac{1}{2}$ pt., 20c.; pt., 30c.; qt., 55c.; pk., \$4.00.

DREER'S IMPROVED LIMA. A leading standard early variety which is very productive. The quality is exceedingly fine, the Beans cooking rich and mealy. In some sections this variety is called Challenger or Potato Lima. It is the best for private gardens and shells out more beans from a given number of pods than any other Pole Lima. $\frac{1}{2}$ pt., 20c.; pt., 30c.; qt., 60c.; pk., \$4.40.

EARLY LEVIATHAN LIMA. The pods are long and contain from 4 to 5 long beans, which are flat in shape, of good size and excellent quality. The bean is white and may be shelled from the pod with ease. By express or freight at purchaser's expense. $\frac{1}{2}$ pt., 20c.; pt., 30c.; qt., 60c.; pk., \$4.40.

Pole or Running Beans

KENTUCKY WONDER OR OLD HOMESTEAD. The pods, seven to nine inches long, are so fleshy that they are greater in width than in breadth, being deeply creased in saddle-backed very meaty, stringless when young and of finest quality. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$3.60.

LAZY WIFE'S. A late variety, excellent for snap-shorts or shelled. Pods about 6 inches long and are thick and meaty, with fine flavor. By express or freight at purchaser's expense. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$3.60.

HORTICULTURAL, OR SPRECKLED CRANBERRY. The best variety of this type. Pods 5 inches long, pale green, but become streaked with red when mature. The beans may be used either green or dry. By express or freight, at purchaser's expense. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$4.00.

SCARLET RUNNER. Mostly used as an ornamental climber but edible and may be cooked in same manner as other snap-beans, or used as a shelled bean. By express or freight, at

purchaser's expense. Pkt., 5c.; $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.

BIRD EGG POLE. A popular old variety for either snap shorts or dry shell beans, especially adapted for short season and cool locations. $\frac{1}{2}$ pt., 20c.; pt., 30c.; qt., 55c.; pk., \$4.00.

Wax Pod Varieties

GOLDEN CLUSTER. Extra strong in growth and very productive. The pods are of large size, seven to eight inches long by three-quarters of an inch wide. Although flat, the pods of a rich golden yellow, are stringless and of excellent flavor. The dry seeds are thick and pure white. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 65c.

KENTUCKY WONDER WAX. The pods are yellow and the beans nearly the same as the Kentucky Wonder Beans. $\frac{1}{2}$ pt., 20c.; pt., 30c.; qt., 55c.; pk., \$4.40.

Beets

Culture. Fibrous loam, well drained and well enriched, will raise good Beet crops. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape. Or seed may be sown under glass four weeks sooner, and the young seedlings transplanted to open ground to give an extra early crop. Give thorough and clean cultivation, and thin the plants to stand 3 and 4 inches apart in the rows.



EARLY EGYPTIAN BEET

EXTRA EARLY EGYPTIAN. Grows extra quickly. Producing flat, smooth turnip shaped roots two inches in diameter. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

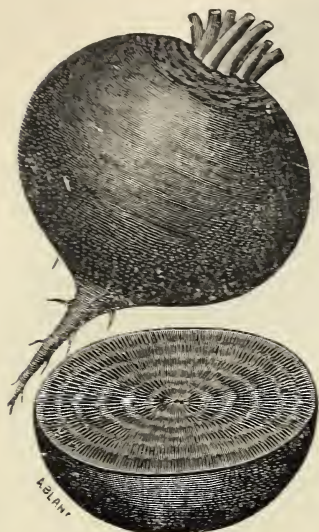
CROSBY'S EGYPTIAN. Roots are smooth and round in form, of finer quality than the regular Egyptian, combined with same extra early maturity. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

EXTRA EARLY DIRAGO. Very early, with dark red flesh, fine grain, very sweet, and retaining its deep coloring when cooked. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

MASSER'S EARLY WONDER. Very dark deep red. Doesn't bleed when cut, retaining its deep coloring when cooked; a very good winter keeper. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

CRIMSON GLOBE. Of fine form with smooth skin, the tender flesh is a deep purple crimson, slightly zoned, foliage small, of a rich bronze purple. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Beets—Continued



EARLY ECLIPSE BEET

LUCULLUS. The stalks are as thick and broad as those of rhubarb, being one and one-half inches broad, heavily ribbed, and from ten to twelve inches long below the leaf. The extra-large leaves of thick texture are heavily crumpled or "savoyed" and of fine flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

Mangel Wurzel

MAMMOTH LONG-RED. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

GOLDEN TANKARD. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

EARLY MODEL. Extremely early, of perfect globe form and finest quality. The foliage is very small. The beets are always smooth and of deepest blood red color. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

EARLY ECLIPSE. Extra early, round, smooth, blood red roots, popular both for market and home garden. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

DETROIT DARK RED. Form globular or ovoid, smooth roots with small tops, skin blood red, flesh dark red, zoned with a lighter shade, tender and sweet. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

EDMAND'S EARLY. The beets are of round form, very smooth, extra early, and of good marketable size. Skin and flesh deep blood-red; extremely tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

DARK STINSON. This is a finely bred variety for summer market. The roots average two and a half inches in diameter with richly colored leaves only five inches in length. Beets are smooth and regular in form, with small taproot. Flesh is fine-grained, free from any woodiness, even when fully grown, and is of dark-red coloring. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

LENTZ EARLY. Fine for sowing in hotbeds and outdoors early. It is a desirable winter variety; blood red. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

BASTIAN'S HALF LONG BLOOD. A valuable variety to follow Bastian's Extra Early. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.35.

Swiss Chard, or Spinach Beet

LARGE-RIBBED WHITE. This variety is grown for the broad, white leaf-stalks, which when bunched and cooked in the same manner as asparagus, make a delicious summer vegetable. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

Sugar Beet

Sow as Mangels, except to 8 inches in row.

LANE'S IMPERIAL WHITE SUGAR. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

There is nothing equal to Wizard Brand Sheep Manure in the flower and vegetable garden.

Cauliflower

Culture. For earliest Cauliflower, raise plants by sowing in hotbed or greenhouse during January or February, and transplant to flats or cold frames, 2 or 3 inches apart each way. Set in open ground as soon in spring as the land can be put in good order. Soil to be warm, very rich, fibrous loam, well supplied with humus and moisture. Copious water applications during dry weather, especially when the plants are heading, and light dressings of nitrate of soda and potash are of much help. Set plants 2 to 2 $\frac{1}{4}$ feet apart each way. When heads are formed

and are hard, they should be blanched by drawing the leaves together and tying with raphia or strips of soft cloth.

BEST EARLY CAULIFLOWER. The earliest and best quick-growing Cauliflower. The plants are of strong growth, with erect, pointed, dark-green leaves, growing closely about the head. In good soil the heads measure eight to ten inches across, they are a pure snowy white, with very close, compact curd of extra fine quality. Pkt., 15c.; $\frac{1}{4}$ oz., 75c.; oz., \$2.75.

DRY WEATHER CAULIFLOWER. Produces equal solid, pure white heads and only about a week later. The heads are considerably larger in size, with more foliage. It is adapted especially for growing in dry locations, where nearly all other varieties fail to make good heads. Pkt., 15c.; $\frac{1}{4}$ oz., 75c.; oz., \$2.75.



EARLY SNOWBALL CAULIFLOWER

MASSER'S EARLY SNOWBALL. This is an improved extra early strain of dwarf, compact growth that has become extremely popular. Under favorable circumstances nearly every plant will make a fine, solid head of good size. It is valuable for both early and late Cauliflower. Heads of good size, solid, snowy white. Pkt., 10c.; $\frac{1}{4}$ oz., 70c.; oz., \$2.50.

Chicory

Culture. Sow seed in early spring in rows 12 to 16 inches apart, and thin the plants 2 to 3 inches. To blanch the leaves for salad in winter, dig the roots in the fall, cut the leaves off a little above the root crown, and place them horizontally in layers, alternating with layers of sand or loam, in a dark cellar,

the tops all pointing outward of the sloping heap or heaps. One ounce to 100 feet of drill.

WITLOOF CHICORY, FRENCH ENDIVE. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Carrots

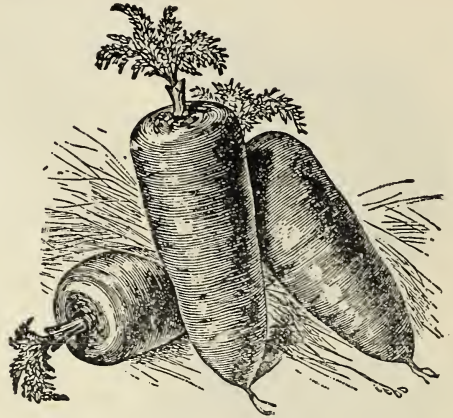
Culture. Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong loam, having been in clover and broken the year before. For the earliest crop sow seed of the early short-rooted sorts in April or May in drills a foot apart and thin to 2 inches. For main crop, sow in May or June, or for succession even in July, using the longer rooted varieties.

SHORT HORN OR EARLY SCARLET HORN. The most popular of all early sorts. The roots measure one and a half inches in diameter and three inches in length. They are a rich deep orange in color, fine grained, of sweet flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

DANVER'S HALF-LONG ORANGE. This favorite variety, so largely grown for market, originated with the gardeners of Danvers, Mass. The roots measure from one and one-half to two inches in diameter at the shoulder, by five to six inches in length, and hold their thickness well, being gently tapered and abruptly pointed at the base. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

IMPROVED LONG ORANGE. Of gradually tapering shape, holding thickness well through-out the length; rich, deep orange coloring. It is a good keeper, of fine quality for winter use, and extensively grown for stock feeding. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

CHANTENAY HALF LONG. It is a half-long variety, with orange-red skin and crisp, tender flesh; has many good qualities. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., \$1.25.



LONG ORANGE CARROT

Cabbage



EXTRA EARLY JERSEY WAKEFIELD CABBAGE

COPENHAGEN MARKET. One of the very best early Cabbages either for the home garden or for market purposes. Every one familiar with Cabbage knows this old and popular variety. It is one of the best of all the early Cabbages. The stem is short, the head round and solid. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.75.

THE CHARLESTON OR LARGE JERSEY WAKEFIELD. This famous variety has all the fine qualities of the Early Jersey Wakefield; it produces heads of a much larger size, but is two weeks later. It has become a leading market variety in all the sections of our country where the Cabbage is grown extensively for market. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

LARGE LATE FLAT DUTCH. One of the oldest varieties in existence, and more largely planted than any other sort, producing large, solid heads of bluish-green, with a broad and flat surface. When touched with frost the outer leaves become tinted with reddish-brown; the head is white, crisp and tender. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

SUREHEAD CABBAGE. Sure to head, has all the individual type of the large flat Dutch. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

CHINESE OR PE-TSAI CABBAGE. This is often called Celery Cabbage on market and when full grown resembles Cos Lettuce. The leaves, when young, are crimped and of a light green color. The plant, as it becomes older, grows more upright and forms heads much like Cos Lettuce. Pkt., 10c.; oz., 40c.

GOLDEN ACRE. Quite similar to the popular Copenhagen Market, but smaller and earlier. A uniform, tightly folded and well-blanching head of superb quality. Pkt., 20c.; oz., 85c.; 4 ozs., \$3.00; $\frac{1}{2}$ lb., \$6.00.

Culture. For plants of the earliest sorts sow seed in January or February under glass, and prick out in flats or frames about 2 inches apart each way. Transplant to open ground as soon in spring as the land can be properly prepared. A rich, warm fibrous loam is best. Have the plants in the rows 20 to 24 inches apart.

EXTRA EARLY EXPRESS CABBAGE. Suitable for market gardeners for very early crops, 10 days earlier than the Wakefield. Earliest, uniform, solid, fine color brings top prices. No soft heads. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

ALLHEAD EARLY.

This is the earliest of all the leading summer varieties, and cannot be too highly recommended for private growing or for the market gardener. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

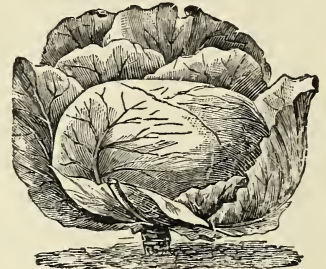
EARLY JERSEY WAKEFIELD.

This is of the usual strain, the heads pyramidal in shape, of medium size, and very early, and the surest heading variety of the early cabbages; its exceeding hardness makes it a very desirable sort. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

EARLY WINNIGSTADT. This is one of our most popular varieties. There is no early sort which heads with greater certainty, or more solidity; the heads are of good size, cone form, broad at the base, with twisted top, and succeeds the Large York. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

DANISH ROUNDHEAD. While similar to the Danish Ball-head in size, shape and keeping qualities, this variety matures earlier and has shorter stem. Pkt., 10c.; $\frac{1}{4}$ oz., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.60; lb., \$5.00.

MAMMOTH ROCK BED. This is the largest variety of Red Cabbage and produces heads which are remarkably solid, more so than any other kind. The heads are round with spreading outer leaves and mature at a late season. It is the best and most attractive Red Cabbage grown. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.



LARGE LATE FLAT DUTCH CABBAGE

Cabbage—Continued



DANISH BALLHEAD CABBAGE

DANISH BALL HEAD. This variety has become famous in this country and cannot be too highly recommended. The heads are round, very solid of medium size, fine grain and good keepers; for boiling, slaw or sauerkraut it is unsurpassed. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.30; lb., \$5.50.

ALL SEASON. A very superior sure-heading long-keeping sort, unsurpassed by any other. The heads are large, nearly round, somewhat flattened, very solid and in quality the best. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.40; lb., \$4.00.

AUTUMN KING OR WORLD BEATER. Grows to an enormous size, making heads as solid as a rock, and coming uniformly true to type. It can be relied upon to produce a greater weight of crop from the same space of ground than most of the late sorts, having few outer leaves. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

SHORT-STEM DRUMHEAD. An exceedingly fine main crop variety and very popular with market gardeners. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

PERFECTION DRUMHEAD SAVOY. A beautifully crimped-leaved sort, color, a deep glossy green. The head is almost round. Savoy cabbage is distinctly flavored, being much sweeter than the other kinds. We recommend it highly, being one of the best cabbages grown for the market. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Celery

Culture. For early or summer celery sow seed of the self-blanching sorts in either flats, frames, or in nursery row in the open, selecting soil in the highest flats under glass during February, and pick out singly or in section of row, into state of cultivation. In May to June set the plants in very rich and well prepared land, 6 inches apart in the rows and rows 3 or 4 feet apart.

GOLDEN SELF-BLANCHING. The best of all early self-blanching varieties. This is decidedly better in quality than the White Plume. It is ready for use nearly as early, blanches as easily, and is larger in size, as well as finer in quality. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.90.

GOLDEN SELF-BLANCHING FRENCH. Finest French-grown seed. While the seed grown in America the first year from the French stock, as offered above, gives general satisfaction in the family garden. Pkt., 10c.; $\frac{1}{4}$ oz., 20c.; oz., 70c.; $\frac{1}{4}$ lb., \$2.75.

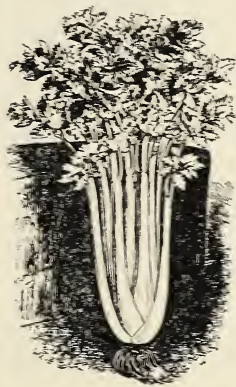
FORDHOOK EMPEROR. Fordhook Emperor is a most distinct variety of outstanding merit. It is a true dwarf type, and, therefore, much easier to blanch than the taller growing sorts. The plants average fifteen to eighteen inches in height, while the blanched part is six to nine inches long. Pkt., 10c.; $\frac{1}{4}$ oz., 20c.; oz., 70c.; $\frac{1}{4}$ lb., \$2.50.

EVAN'S TRIUMPH. The plants make very large bunches of broad, solid stalks, heavily ribbed, being of just the proper length for serving whole after trimming off the upper leaves. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25.

GIANT PASCAL. This is a selection from the Golden Self-Blanching Celery. The stalks are very large, thick, solid, and crisp and keep well into the winter. It has a fine nutty flavor. It blanches with but slight earthing up and retains its freshness a long time after being marketed. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25.

IMPROVED GOLDEN HEART. A selection from the old favorite Golden Heart Celery. Improved Golden Heart is one of the finest late varieties. The heart, when blanched, is a rich, golden yellow. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25.

WHITE PLUME. This is the earliest and most easily blanched Celery in cultivation, but does not keep well when taken from the trenches. The plant grows rapidly and blanches easily during the summer months. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25.



WINTER QUEEN CELERY

WINTER QUEEN. A splendid new variety, having the long keeping qualities of the winter celery and blanching easily, like the Golden Self-Blanching. Hardy, vigorous and of fine quality. The stalks are more round than those of Golden Self-Blanching and the heart very large, creamy white, brittle and delicious. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.20.

COLUMBIA. The foliage and stalks, light green in summer, turn a golden yellow when blanched. The stalks are large, fine grained and of extra good flavor. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50.

ROSE-RIBBED PARIS SELF-BLANCHING. The stalks are large, thick and beautiful, tinted with rose color at the base, while the upper part of the stems, particularly the hearts, are a deep rich yellow. Pkt., 5c.; $\frac{1}{4}$ oz., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50.

TURNIP-ROOTED (Celeriac) LARGE SMOOTH PRAGUE. An improved form of the Turnip-Rooted Celery. Pkt., 10c.; $\frac{1}{4}$ oz., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50.

BOSTON MARKET. Very mild flavor, extremely tender and crisp. Forms a cluster of heads instead of a single large one, should be blanched by earthing up for 5 or 6 weeks. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50.

Pop Corn

MONARCH WHITE RICE. This is the best Pop Corn for home or market. Select ears. Lb., 20c.; 3 lbs., 59c.; 10 lbs., \$1.50.

QUEEN'S GOLDEN. Stalks grow six feet high, with large ears produced in abundance. It pops perfectly white, and a single kernel will expand to a diameter of nearly one inch. Lb., 20c.

Masser's Ohio-Grown Sweet Corn

In recent years much of the sweet corn on the market is raised in the west, where level country, much wind and vast areas of field corn all combine to destroy the sweetness and delicacy of properly grown table corn.

Culture. Seed of the Sweet Corn is liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in the spring, it may pay to take some risks, as often the plants, when once up, will escape injury by a belated frost. Plant in hills 3 feet apart each way, covering half an inch and thin out to 3 plants to a hill, or plant in rows 4 feet apart, 12 inches apart in the rows. For succession plant every two weeks up to July 15th.

EARLY FORDHOOK. This is one of the largest eared extra earlies, the ears averaging six to seven inches in length. The ears are eight-rowed, with quite small cob and deep grains. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 40c.; pk., \$2.80.

EXTRA EARLY ADAMS. This is of dwarf growth, six to seven feet in height, with two thick, medium-sized ears, and is a week to ten days earlier than the Adams Early and Dreadnaught. $\frac{1}{2}$ pt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.40.



KENDEL'S EARLY
GIANT CORN

GOLDEN BANTAM. Is dwarf in growth, the stalks averaging four feet in height. The ears are from five to seven inches in length; but what it lacks in size is fully made up in its productiveness and quality. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

EARLY HOWLING-MOB. Grains are so much whiter and sweeter that it should really be compared with the second-early Crosby's Twelve-Rowed and other varieties of a later season. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

KENDEL'S EARLY GIANT. A second early variety, several days earlier than Crosby. Ears average seven inches in length, thick through, with ten or more rows of large grains of rich, sugary flavor. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 40c.; pk., \$2.80.

EARLY EVERGREEN. This variety resembles the Stowell's Evergreen, but is ready for use much earlier, and remains in good condition equally as long. The ears grow to a good size, usually about 7 inches long. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 40c.; pk., \$2.80.

Cress

CURLED OR PEPPER GRASS. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.

TRUE WATER CRESS. Pkt., 10c.; oz., 35c.

Corn Salad

LARGE ROUND LEAVED. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.

EARLY MINNESOTA. A standard early variety of strong growth. Ears larger than Cory and matures before the Crosby. Eight rows of quite large sweet grains. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 40c.; pk., \$2.80.

EARLY COSMOPOLITAN. This variety matures only a few days later than Cory or Early Fordhook. The stalks grow five to six feet high. The ears of most handsome appearance, seven to nine inches long, with ten or more rows of large grains. The cob is pure white and the ear is well filled, the grains at the top making a round point to the ear. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 40c.; pk., \$2.80.

EARLY PREMO. One of the very early varieties. Growing three feet in height. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 40c.; pk., \$2.80.

EARLY MAMMOTH. A late ripening second-early variety. The ears are of large size, tapering well toward the point; kernels large and very sweet. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 40c.; pk., \$2.80.

MAMMOTH LATE. A large-eared variety, maturing after Stowell's. The mammoth ears are thick through, with many rows of large broad grains of excellent quality. $\frac{1}{2}$ pt., 15c.; pt., 20c.; qt., 40c.; pk., \$2.75.

COUNTRY GENTLEMAN. This late or main-crop variety is the result of a cross of the Ne Plus Ultra with Stowell's Evergreen, producing a larger ear than the former, but retaining its productiveness. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 40c.; pk., \$2.80.

BLACK MEXICAN. A medium-early variety, growing about six feet in height; ears eight inches long, well filled with eight rows of large, flat grains, which are a bluish purple, of deliciously sweet flavor. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 50c.; pk., \$3.60.

STOWELL'S EVERGREEN. This has long been the leading main-crop variety for home use, market and canning. Stock is carefully selected and can be depended upon to produce fine, large ears of superior quality. The grains, of good size, are long and slender. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 40c.; pk., \$2.80.

WHITE EVERGREEN. Its most valuable feature is the extreme paper whiteness of the grains, which makes not only a more attractive ear when served on the table, but is most important for the canner. It retains its whiteness when put up in cans as distinct from the yellowish tinge of the still popular original Stowell's Evergreen. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 40c.; pk., \$2.80.

FOR PICKLING

Cucumbers

FOR SLICING

Culture. For early use, plant, if the weather has become settled and warm, in hills 4 to 6 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over.

EARLY RUSSIAN. This is the earliest. Fruits are small, being about three inches in length, and one and a half inches in diameter. Plants productive and fruits of excellent quality. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.

EARLY GREEN CLUSTER. The fruits are of slender form and most desirable for pickling. They are very prolific and frequently set in clusters of two and three. If the fruits are kept gathered, the vines will continue long in bearing. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.

EARLY FRAME OR EARLY SHORT GREEN. Desirable for producing pickles of medium size and of fine quality when sliced for the table. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.

EXTRA EARLY GREEN PROLIFIC OR BOSTON PICKLING. The fruits average four to five inches in length when large enough for slicing, and are of excellent quality; but it is chiefly for producing medium-sized pickles that this variety is so highly esteemed. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.

CUMBERLAND PICKLING. The young cucumbers are thickly set with small spines, and possess the distinctly roughened surface so much desired for small pickles. The large fruits average nine to ten inches in length and two and a half inches in diameter. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.

Cucumbers—Continued

EARLY JERSEY. The fruits of a rich dark-green color, average from four to five inches long. Fine for producing small pickles. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.

ARLINGTON WHITE SPINE. The cucumbers are very regular in outline, uniform in size, averaging seven to eight inches in length, straight, and of a rich dark-green color. Flesh white, crisp and solid, with comparatively few seeds. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.

EXTRA-LONG WHITE SPINE OR EVERGREEN. Smooth, round, handsomely colored fruits, 8 to 10 inches long, and very regular in size and form; of excellent quality. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.

LONDON LONG GREEN. The young cucumbers make one of our best pickles. Skin a deep rich green; flesh solid, crisp and of excellent quality—far superior to regular stocks. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

DAVIS' PERFECT. As now selected, the long, even fruits are of fine form, with an intensely dark, rich green skin. With very few seeds, the solid white flesh is of superb quality for slicing. The vines are of strong growth and quite prolific. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.



EARLY JERSEY PICKLE

JAPANESE CLIMBING. Cucumbers are from twelve to sixteen inches in length. Skin smooth, dark green, turning to brown, and netted when ripe. The flesh is pure white, crisp, of mild flavor. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

WEST INDIA GHERKIN. The fruits are two to three inches in length, thick and rounded, closely covered with spines. Vines rather slender, with small leaves, but of strong growth. Pkt., 10c.; oz., 25c.

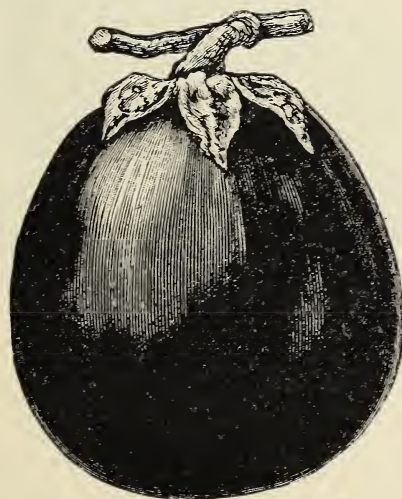
EVERBEARING. This is a very early and extremely prolific variety. If the fruits are kept gathered, vines will continue in bearing throughout the season. The fruits, of a rich, dark-green color, average from four to five inches in length by an inch and a half in diameter. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.20.

Dandelion

Culture. Plants usually come up small and feeble. Sow seed in good, clean loam, in drills one foot apart, and thin or transplant to 10 or 12 inches apart in the rows. May be blanched by covering with leaves or other loose litter.

BROAD-LEAVED. Pkt., 20c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.75.

CULTIVATED OR FRENCH COMMON. A decided improvement on the wild dandelion. Very early and productive. Pkt., 5c.; oz., 45c.; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00.



BLACK BEAUTY EGG PLANT

Egg Plant

Culture. Sow the seeds in hotbeds, early in March. When 3 inches high, pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out from the pots when the season becomes sufficiently warm, in May or June.

BLACK BEAUTY. The earliest and best of all large-fruited Egg Plant. Black Beauty produces fruits fully as large as, and ready for use ten days to two weeks earlier than the New York Improved Spineless. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 60c.

NEW YORK IMPROVED SPINELESS. The plants are productive, fruits large, well colored, stems and calyx are entirely free from spines. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 60c.

Endive

GREEN CURLED. The leaves are finely cut or laciniated, giving the plant a feathery effect. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

GIANT FRINGED OR OYSTER ENDIVE. When fully grown the center portion can be blanched to a creamy white by tying up. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

BROAD-LEAVED BATAVIAN. The leaves are large and broad, having the edges slightly cut. It can be blanched. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Kale, or Borecole

Culture. The Kales are more hardy than Cabbage, make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate as Cabbage. For early spring use sow in September and protect during winter.

DWARF-CURLED SCOTCH KALE. This is the variety usually sown in the fall for spring market. It is low growing, with finely curled leaves of a deep green. Pkt., 5c.; oz., 35c.

Kohl-Rabi (Turnip-rooted Cabbage)

Culture. The edible part is the bulb, which grows on a stalk a few inches above the ground. Sow seed in drills, allowing 16 or 18 inches space between the drills, and thin to 4 or 6 inches apart in the row. First sowing may be made as soon as ground can be worked in spring and successive ones repeatedly later.

EARLY WHITE VIENNA. The bulbs grow to the size of an apple when ready for use, and are of pale whitish green; they are of delicate cabbage-like flavor. Pkt., 10c.; oz., 35c.

EARLY PURPLE VIENNA. This is not quite so early as the preceding and slightly larger in size. It differs also in having skin of a dark, glossy purplish red. Pkt., 10c.; oz., 35c.

Leek

Culture. Sow early in April in drills one foot apart and one inch deep. When plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, plants transplanted in the spring.

BROAD LONDON OR LARGE AMERICAN FLAG. This is a strong-growing variety, producing large thick stems of sweet flavor when properly blanched. Pkt., 5c.; oz., 35c.

Masser's Superior Lettuce

Culture. Sow the seed in hotbeds or flats during February or early March, prick the young seedling out in flats or cold frame several inches apart each way, and as soon as a nice, rich, warm spot can be prepared in open ground in spring, transplant the well-hardened plants in rows a foot apart, allowing 8 to 12 inches space between the plants in the row. For succession sow seed thinly in open ground, and thin the plants to 5 or more inches apart. Sow for succession every few weeks until the fall. Some varieties do well in a cool forcing house during winter.



HANSON LETTUCE

EARLY CURLED SIMPSON (Silesia). This does not head, but forms a close, compact mass of leaves; very early; excellent for forcing. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

BLACK-SEEDED SIMPSON. Produces a compact mass of leaves. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

BLACK-SEEDED TENNISBALL. Forms a close, hard head, with few outer leaves. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

IMPROVED HANSON. This superior Lettuce, which was introduced over forty years ago, is one of the best summer heat-resisting sorts. Heads grow to good size, are sweet, tender and crisp. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

IMPROVED DEACON. A good summer cabbage sort; very crisp, large and light in color. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

WAYHEAD. Is not only earlier than May King and other fine early varieties, but the tightly folded heads are generally larger in size. The outer leaves are a light green, with the inner head finely blanched to a rich, buttery yellow. Pkt., 10c.; $\frac{1}{2}$ oz., 20c.; oz., 35c.



BIG BOSTON LETTUCE

EARLY CURLED SILICIA (Cut and Come Again). The old favorite of dwarf, compact habit and quick growth. Does not head, but excellent for forcing. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

GRAND RAPIDS FORCING. Matures quickly, large size and handsome appearance, crisp and tender. Forms a loose cluster of which are bright green, crimped at the edge. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

BIG BOSTON. Resembles Boston Market, but nearly twice as large, desirable for forcing and spring and fall outdoor planting. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

MAY KING. Very hardy, and stands cold, damp weather. May be planted out of doors or under glass. The outer leaves are yellowish-green, tinged with brown, while inside is rich golden yellow. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

ICEBERG. A curly Lettuce, large solid heads. The outer leaves are light green in color, and their habit of branching towards the center of head is a great aid to the blanching of heart. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

MAMMOTH SALAMANDER. A large and rich buttery cabbage-heading variety. Color light green; an excellent intermediate variety. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.



PRIZEHEAD LETTUCE

NEW YORK, "WONDERFUL" OR LOS ANGELES. Plants of extra-large growth, producing heads of immense size, and closely folded; inner portion is beautifully blanched. Outer leaves a deep rich green. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

DENVER MARKET. Large conical heads of finest quality; leaves light golden green, beautifully savoyed. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

CALIFORNIA CREAM-BUTTER. The heads are of large size, very solid, and the interior portion blanches to a beautiful white. The genuine stock of this popular lettuce can be distinguished by very small spots on the outer leaves. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

HARD-HEAD. A very hardy variety of superior quality, excellent for cool locations. The plants are of strong growth, producing quite large, solid well-folded heads, which blanch to a beautiful golden yellow. Outer leaves dark green and heavily shaded with oily brown. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

BUTTERHEAD. Firm heads of mammoth size. Light golden foliage; closely folded heads of fine appearance and quality. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.



MASSER'S MAMMOTH HEAD LETTUCE

MASSER'S MAMMOTH HEAD LETTUCE. A rich, buttery cabbage heading variety, color light green. One of the best head lettuces grown. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

BOSTON MARKET. Hardy and crisp; a good forcing variety. Heads are medium size and leaves dull green in color and excellent flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

DWARF WHITE HEART. The growth is erect, about ten inches in height, the outer leaves being well folded toward the center. The interior leaves are blanched to a snowy white in summer. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

EARLY PRIZE HEAD. This popular variety, large loose heads of finely crimped and fringed leaves, the outer portion of which is heavily shaded with brown. It is excellent for use in summer. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Cos Lettuce or Romaine Salad

PARIS WHITE COS. Type of Kingsholm; light color; very tender. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.

FOR SEASONING

Herbs

FOR FLAVORING

For flavoring soups, meats, etc., a few pot and sweet herbs are necessary for every garden. Cultural directions on every packet. Varieties preceded by a (*) are perennials.

ANISE. The seed is used for medicinal purposes as an aromatic and in baking. The leaves are used for flavoring, garnishing and cordials. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

BALM. Leaves are used for making Balm tea and wine, also for seasoning and in manufacture of perfume. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

BASIL, SWEET. The aromatic leaves are used for flavoring soups, stews, sauces, etc. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

BORAGE. Leaves used in salads and for garnishing. Flowers excellent for bees, also used in cool drinks. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

CARAWAY. Seed is used for flavoring rye bread, etc., and in the making of cheese, also in flavoring sauces. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.

CHERVIL. Used in salads and for garnishing. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

CHIVES. Leaves used for seasoning soups, stews, salads, cottage cheese, etc. Pkt., 10c.; $\frac{1}{2}$ oz., 35c.; oz., 50c.

CORIANDER. The seed is used for flavoring in baking, in making candy and for culinary purposes. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 45c.

DILL. Leaves and seed heads are used in making Dill Pickles and for flavoring soups and sauces. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.00.

***FENNEL, SWEET.** The leaves boiled are used in fish sauces; also used for garnishing. Seeds used for flavoring and medicinally. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

***LAVENDER.** Chiefly grown for its flowers, which are used in the manufacture of perfumery. Frequently planted for edging or border in the flower garden. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

MARJORAM, SWEET. Leaves and ends of the shoots are used for flavoring both green and dried. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25.

***ROSEMARY.** Leaves are used for seasoning. Pkt., 10c.; $\frac{1}{2}$ oz., 35c.; oz., 60c.

SAFFRON. Used in coloring certain dishes, also for flavoring. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

SAGE. Leaves and tops are used for seasoning and stuffing, also for medicinal purposes. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50, postpaid.

SORRELL. Is boiled and served like Spinach, also delicious for soups. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.

SUMMER SAVORY. Leaves and young shoots are used for flavoring, especially for boiled string beans. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

THYME. Used for seasoning; a tea is also made for nervous headache. Pkt., 10c.; $\frac{1}{2}$ oz., 35c.; oz., 50c.

Masser's Choice Musk Melons

Culture. Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, hills 5 to 6 feet apart each way for Musk Melons, 8 to 10 feet for Watermelons. Previous to sowing the seed mix a few shovelful of well-rotted manure in each hill, and plant in each 12 to 15 seeds. After all danger of bugs is over, thin out to three or four plants per hill.

MATCHLESS. This might be described as a larger fruited oval or oblong melon of the Netted Gem type. The melons are regular in size and form, averaging about six inches in length by five inches in depth at the center, and a little over two pounds in weight. The skin is light golden and heavily netted. The meat is very thick, light green in color, melting in character, but firm enough for long distance shipments. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

FORDHOOK MUSK MELON. It is about the same size as Improved Jenny Lind, having very thick, orange-yellow flesh, small seed cavity, and comparatively few seeds. The flesh is solid and of very high flavor, staying solid and firm after melon has become quite yellow. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

EMERALD GEM MELON. This has long been acknowledged the most delicious in flavor. It is one of the earliest to ripen, and while too soft to stand shipping any great distance to market, it is unequalled for home use or nearby markets. Vines of strong, vigorous growth and very prolific. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.40.

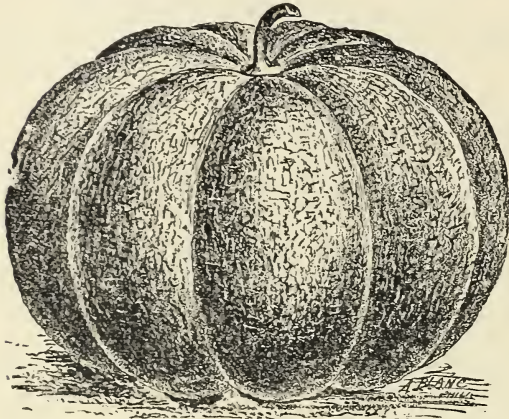


ROCKYFORD MELON

BANANA. This variety gets its name on account of the long fruits having a banana-like aroma. The fruits are from fifteen to twenty inches in length, and from four to six inches in diameter. The salmon flesh is thick and of a delicious flavor. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

ROCKYFORD MELON. Good seed is a prime requisite for success. Few have made any systematic selection of seed, looking well to the shape, size, solidity, depth of flesh, seed cavity, color of flesh, and quality. Many have bought from dealers who knew little of the quality of seed sold, and the result is that many melons sold as "Rockyford" are not up to the standard. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

ROUND JENNY LIND. By selection the "South Jersey" truckers have originated a melon that is decidedly round as compared with the original type. The melons ripen early and are of good flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.35.



EARLY HACKENSACK MUSKMELON

MASSER'S HOODOO. An ideal shipping melon of the very finest quality. Flesh rich orange color, very thick, firm and delicious flavor. The seed cavity is small and the rind is very tough, making it a good shipper. Its vine is a vigorous grower and a heavy cropper. A good, medium-sized melon for both house or market. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

GOLDEN EAGLE. The oval fruits average ten inches in length and seven inches in diameter; heavily ribbed and netted, with skin of a light golden hue when ripe. The thick flesh is of a rich salmon, sweet and melting, with a delightful aroma. It is particularly desirable for heavy soils, and continues bearing throughout the season. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

BURRELL GEM. Six to seven inches long by four and a half to five inches in diameter, rather sharply sloping at the end. Well ribbed and covered with a fine grayish netting. The skin is a rich dark-green, contrasting finely with the deep orange-salmon-colored flesh; sweet and tender. The flesh is thick and firm, ripening close to the skin. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

SPICY CANTALOUPE. The melons run quite uniform in size, measuring from eight to ten inches in length by six to seven inches in diameter and are always firm. The juicy flesh is of a deep rich salmon color, frequently two inches thick, entirely stringless, and exceptionally luscious in flavor—most tender, and practically melting in the mouth. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.

EXTRA-EARLY HACKENSACK. This is a selection of the popular Hackensack, ripening fully ten days earlier. Melon of good size, heavily ribbed and netted; thick, light-green flesh of fine flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Mustard

Culture. A small, pungent salad used like cress; the seed is also used for flavoring pickles, pepper sauce, etc. Successive sowings can be made every week or two. To grow seed, sow in April, in rows 1 foot apart, and thin out to 3 inches apart when 2 inches high.

SOUTHERN GIANT CURLED. The true curled leaf variety so popular in the South for planting in the fall. Our stock of this popular variety is very fine. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Masser's Choice Onion Seed

Culture. For early green or bunching Onions, sow seed of Silver Skin or other hardy white varieties in early August in well prepared and well drained rich, loamy soil, giving one foot space between the rows, and using 20 lbs. of seed per acre. In many localities they winter well without mulch or other protection. For dry (fall) bulbs, select a clean, well-drained and well manured piece of land, prepare a perfect seed-bed, and sow in early spring in drills 15 inches or so apart using 4 to 5 pounds of fresh seed per acre.



YELLOW GLOBE
DANVER ONION

YELLOW GLOBE DANVERS.

Onion growers throughout the country prefer this type of Onion to all others, and it is with this in view that the bulbs from which our seed is grown are especially and carefully selected as to shape. It is the best paying Onion that is grown for general crop, and has been the leading variety for years. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.

GIGANTIC GIBALTAR. A large Onion, somewhat on the order of "Prizetaker." Globe-shape, with light straw-colored

skin and white flesh, which is quite mild. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

PRIZETAKER. The large size and handsome appearance of this Onion makes it equally desirable for the home garden or for market. It is strictly "fancy," and is found on fruit stands during the fall, where it is sold as Spanish Onion. The true Prizetaker Onion is globe-shape, has pale yellow skin and white flesh, which is very mild and of delicate flavor. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.35.

SOUTHPORT YELLOW GLOBE. A very large, handsome globular-shaped yellow variety, very productive, of mild flavor. The outer skin is pale yellow, and the flesh creamy white. The bulbs are of a beautiful globe shape and grow a little larger than the Southport Red Globe. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.

SOUTHPORT WHITE GLOBE. Pure white color, and of very mild flavor, also equally as good for keeping as the Yellow Globe. Excellent for use as a medium crop, but most valuable when grown for the main crop, as the flesh is remarkably firm and solid. It is an enormous yielder, and as it is very attractive, always sells at high prices. It is best to dry these onions in a shady place, and give them plenty of air. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.00.

MAMMOTH SILVER KING. Very large. Skin white and flesh tender. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.10; lb., \$3.50.

WHITE QUEEN, OR BARLETTA. Used for pickling. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

WHITE PORTUGAL, OR SILVER SKIN. One of the leading white sorts, beautiful shape and mild flavor. The bulbs are flat in shape and mature early. A good variety for raising onion sets, as it keeps well. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.

LARGE RED WEATHERSFIELD. Grows to full size the first season from seed. The Onions are large, flat in shape, with skin of a purplish-red color and flesh of a purplish-white color, rather strong-flavored and an excellent keeper. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Choice Onion Sets

Prices subject to market changes

If by Parcel Post, add as follows: To points East of the Mississippi River, 7c. quart; West of the Mississippi River, 14c. quart. Onion Sets should be planted in rows 12 inches apart, with sets 2 inches apart in the row. One quart will plant 100 feet. **White Onion Sets**.....Write for prices
Yellow Onion Sets.....Write for prices
Red Onion Sets.....Write for prices
Bottle Onion Sets.....Write for prices
Let us quote you on larger quantities.



DOUBLE CURLED PARSLEY

Pepper

Culture. Sow in flats under glass in March; prick out in other flats when 2 or 3 inches high, 2 inches apart each way. When the weather has become settled in spring, transplant to open ground in warm, very rich soil, making the rows 2 to 3 feet apart, with plants 15 to 18 inches apart in rows.

RUBY KING. Fruits are about four inches long, flesh thick and mild, color dark green while young, turning to bright red when ripe. Pkt., 5c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

NEAPOLITAN. A variety of Sweet Pepper which matures very early. It grows about 3 inches long and is remarkably sweet. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

CHINESE GIANT. The largest mild red pepper, an ideal variety for the home garden. Plants vigorous in growth, of stocky habit, seldom more than two feet in height. Fruit four to five inches broad at the top. All are uniformly of most enormous size. Pkt., 5c.; $\frac{1}{2}$ oz., 25c.; oz., 50c.; $\frac{1}{4}$ lb., \$2.00.

SMALL CHILL. Red conical pods, about 2 inches long, very hot and prolific. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

GOLDEN DAWN. A mild and sweet yellow Pepper; quite attractive. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

TOBASCO. Small and very hot. Used as a condiment either in vinegar or for making sauce. Pkt., 10c.; oz., 80c.

CELESTIAL. Small upright pods. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

RED CHERRY. Very ornamental. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

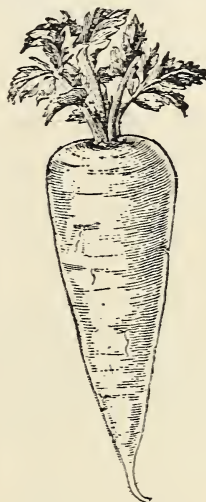
Okra, or Gumbo

Culture. This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep, thin to 10 inches apart in drills. Culture otherwise much like corn.

KLECKLEY'S FAVORITE. The plants grow two and a half to three feet in height, close-jointed, with ample foliage, and bear smooth white pods of the very finest quality at each leaf-point. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Parsnips

Sow early in the spring as the weather will permit in drills 15 inches apart and half an inch deep, in rich, well-manured ground, well dug. Cultivate similar to carrots, and thin to 6 inches apart in the rows. The roots improve by being left in the ground until spring, securing enough in pits or the cellar for winter use.



HOLLOW CROWN
PARSNIP

LONG SMOOTH OR HOLLOW CROWN. A large cropper; tender, sugary and popular for general cultivation, but requires a deep soil. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Parsley

Culture. Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April in rows 1 foot apart and $\frac{1}{2}$ inch deep, thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance; and often failing to come up in dry weather.

PLAIN OR SINGLE. Plain leaves, excellent flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{2}$ lb., 45c.

DOUBLE CURLED. Fine, dwarf crimped leaves. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 45c.

DARK MOSS-CURLED. The leaves are of an extra-dark green color. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 45c.

TURNIP-ROOTED OR HAMBURG. The edible portion is the fleshy root which resembles a small parsnip, and is used for flavoring soups, stews, etc. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 45c.



NEAPOLITAN PEPPER

Pepper

SWEET UPRIGHT. Upright growth and produces fruits nearly as large as "Chinese Giant." Ripens early and when matured the Peppers are deep crimson and flesh very mild. Pkt., 10c.; $\frac{1}{2}$ oz., 35c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

RUBY GIANT. A variety of Mango Pepper, which is of a desirable size and shape for stuffing. A cross of Ruby King and Chinese Giant, grows to large size and is very mild. Pkt., 5c.; $\frac{1}{2}$ oz., 25c.; oz., 50c.; $\frac{1}{4}$ lb., \$2.00.

LONG RED CAYENNE. Pods are long and slender; bright red and very pungent. This is an old-time favorite and used

extensively for bunching with pot-herbs. Pkt., 5c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

PIMENTO. Pkt., 10c.; $\frac{1}{2}$ oz., 35c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.
LARGE BELL OR BULL NOSE. Large early variety. Pkt., 5c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.90.

LONG SWEET SPANISH. The peppers, sometimes grow six to seven inches long and two inches in diameter. The fruits are bright green, turning to a rich red when matured. Flesh thick and mild flavor. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

RED JAPAN CLUSTER. Small and hot. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

Peanuts

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand.

It is generally believed peanuts cannot be grown anywhere north of Virginia, but this is a mistake; most any well-drained

garden soil suits them, where they will yield a big crop. The peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen. Selected Virginia. $\frac{1}{2}$ lb., 25c.; lb., 45c.

Masser's Choice Northern Grown Peas

Culture. Peas of extra early smooth class are the very first thing to be planted in the garden in spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall, late varieties need brush or other support. Open furrows three or four inches deep and three feet apart; scatter the seed Peas into them and cover with hoe or plow.

EUREKA EXTRA EARLY. One of the earliest and most prolific extra early varieties, which has given good results wherever grown. Vines grow to a height of about 20 inches and are very robust, bearing an abundant crop of pods which measure about $2\frac{1}{2}$ inches in length, and are well filled with peas of excellent flavor. It is an extremely even cropper, and can be gathered clean in two pickings; height 20 inches. $\frac{1}{2}$ pt., 15c.; pt., 20c.; qt., 35c.; pk., \$2.40.

ALASKA. A well known extra early round seeded pea which is extensively used for canning. It matures very early and the pods are of a dark-green color, while the peas are light green, medium in size and of good flavor for so early a variety; height 2 feet. $\frac{1}{2}$ pt., 15c.; pt., 20c.; qt., 35c.; pk., \$2.40.



GRADUS PEAS

CARTER'S DAISY, OR DWARF TELEPHONE. This is a Dwarf variety, bearing large, handsome pods like Telephone; height, 18 inches. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

AMERICAN WONDER. The earliest wrinkled pea. The vine grows 10 to 12 inches high and is very prolific in pods of striking form and size. It is of finest flavor. Peas planted in June mature in 33 days. It is particularly adapted for family use, as it requires no brush or other support. $\frac{1}{4}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

NOTT'S EXCELSIOR. Popular for the Home Garden. It is of fine, compact, dwarf growth, with pods one-third larger than those of American Wonder, and maturing almost as early. Pods well filled to the ends with from 7 to 9 peas, of superior tenderness and flavor. The vines grow about 15 inches high. Ready to use in 55 days. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

PREMIUM GEM. Improved strain of McLean's Little Gem. A very fine, extra early dwarf wrinkled pea for market and family use, growing 12 to 15 inches high and needing no brush. Pods large and crowded with six to nine very large peas of fine quality. A good dwarf pea for canners. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

GRADUS OR PROSPERITY. An extra early wrinkled pea, hardy and very profitable. About $2\frac{1}{2}$ ft. high. This remarkable pea has steadily grown in popular favor until today it is one of the most widely known varieties in cultivation. The reason is that it produces a Telephone Pod nearly as early as Alaska. Ready for market in 55 days. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

EXTRA-EARLY BLUE BANTAM. The best first early dwarf wrinkled pea. It is unequaled for combination of extreme earliness, superb quality, and unusual productiveness. The dwarf, vigorous vines average fifteen inches in height and carry really enormous crops of large deep bluish-green pods. The handsome pointed pods, generally borne singly, measure four to four and one-half inches long and are tightly packed with eight to ten large, deep bluish-green peas. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.; pk., \$4.00.

LITTLE MARVEL. The vines, of dwarf, even growth, average fifteen inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average two and one-half inches in length, are square at the bottom, and well filled with six to seven quite large, deep green peas. $\frac{1}{2}$ pt., 20c.; pt., 30c.; qt., 50c.; pk., \$3.60.

ALDERMAN. Is one of the finest of the large-podded summer varieties. The haulm grows five feet in height and is of a rich, dark-green coloring, as are also the large pods. Pods frequently measure nearly 6 inches in length and contain 8 or 9 very large peas of superior flavor. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

Peas—Continued

LAXTONIAN. A giant podded dwarf, extra early pea. This handsome new wrinkled pea is the largest podded of all dwarf early peas, growing only 18 inches high and requires no support. The pods well filled and measure $4\frac{1}{2}$ inches, of a dark-green color and a fine flavor. $\frac{1}{2}$ pt., 20c.; pt., 30c.; qt., 50c.; pk., \$3.60.

THOMAS LAXTON. An early variety of large-podded pea, which is very hardy and a strong grower, producing pods in abundance. The habit and growth of vine resembles Gradus, although the color is darker and pods more blunt in shape. The pods are well filled with large peas, which are very sweet. This variety will mature as early as many of the smooth extra early peas and may be planted at same time; height 3 feet. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

TELEPHONE. A large podded pea for general crop. The vines are very strong in growth and average 18 to 20 pods per stalk; the pods are of large size containing 6 to 7 peas each, which are of a pale green color, closely packed in the pod, and of a most delicious flavor; height, $3\frac{1}{2}$ feet. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

DWARF CHAMPION. A splendid dwarf variety which is very hardy, productive and of fine quality. Has less vine and produces larger pods than Champion of England; height, 2 feet. $\frac{1}{2}$ pt., 20c.; pt., 30c.; qt., 50c.; pk., \$3.60.

STRATAGEM. Vines, eighteen inches in height, require no support. Pods of large size, well filled with large, dark-green peas of rich flavor. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

EVERBEARING. A first-class pea for summer and autumn use. Pods 3 to 4 inches long, contain 6 to 8 peas of a rich flavor; very sweet and tender; $2\frac{1}{2}$ feet. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

CHAMPION OF ENGLAND. Vines grow four to five feet high, and are very productive; pods well filled with peas of delicious flavor. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

POTLATCH. A wrinkled variety, similar to Daisy; sweet; pods well filled with peas; height, 30 inches. $\frac{1}{2}$ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$3.20.

MAMMOTH MELTING SUGAR PEAS. A fine new variety producing abundantly, large, broad pods, height, 4 feet. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.

MAMMOTH LUSCIOUS SUGAR PEAS. Height, 3 feet. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.

DWARF GRAY SUGAR PEAS. Height, 2 feet. $\frac{1}{2}$ pt., 20c.; pt., 35c.; qt., 60c.

For Pies—Pumpkin—For Stock

Culture. Sow in good soil in May, when the ground has become warm, in hills 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with corn. Pumpkin varieties if planted together will mix. There is not much danger of their mixing or hybridizing with squashes or other vines.

JAPANESE. Similar in size and form to the well-known Cushaw, but the skin is a deep green, with dark stripes, turning to a rich golden yellow. Fruits mature early; the large neck is solidly meaty. Flesh deep yellow, of fine quality. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

WHITE CUSHAW OR JONATHAN. A popular crook-necked variety, with a hard, creamy-white shell. Fruits two feet in length, with long solidly meaty neck. Thick flesh of fine quality. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

STRIPED CUSHAW. Skin is striped with mottled-green bands of creamy white. Rich, yellow meat, tender, and of fine flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

GENUINE MAMMOTH JUMBO OR KING OF THE MAMMOTHS. This is the very best genuine strain or the true Mammoth Pumpkin. Fruits grow to enormous size, sometimes reaching two feet or more in diameter, and from one hundred to two hundred pounds in weight. Salmon-orange skin; very thick, bright yellow flesh, which is fine grained, tender and of excellent quality for pies. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.00.

SMALL SUGAR. Fruits of small size, averaging about ten inches in diameter, of excellent keeping qualities, flattened or slightly ribbed. Skin deep orange-yellow, flesh very sweet. This should be more generally known, as it is really one of the best for pies. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.70.

BIG TOM OR IMPROVED LARGE FIELD. Vines of strong vigorous growth and wonderfully prolific. Fruits will average fifteen to twenty inches in diameter; round or slightly oval in form. Reddish-orange skin, slightly ribbed, with rich, orange-yellow flesh. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Early and Late—Radish—Crisp and Sweet

Culture. Sow early and often. In good, warm, fibrous loam, especially if quite sandy, summer radishes will make a crop in 4 to 6 weeks from sowing. The soil should be well prepared and fertilizers may be used freely. Have the rows a foot apart, and sow just seed enough so that they will not require thinning. Any little spot that becomes available during summer may be utilized for planting radishes.

MASSER'S EXTRA EARLY RED. This variety has a small top, and is the earliest in cultivation; the roots are small, of a rich, bright scarlet color, and the handsomest of all forcing varieties; ready to pull in three weeks. The leaves are short, which permits of close sowing. The best and most satisfactory for home garden, and the market gardeners will find it a great money-maker. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

VICK'S SCARLET GLOBE. Scarlet Globe, while inclined to a slightly oval form, is of superb quality and of such handsome appearance, due to its brilliantly colored skin, that it is most popular. A standard market variety that has no superior. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

CRIMSON GIANT. A fine, bright-red radish, growing quickly to large size. It is especially fine for bunching, being ready to market in from 25 to 30 days from the time the seed is planted. This radish is a deep globe in form; two inches in depth, one and one-half inches in diameter, with thin, tender skin of a deep crimson. The flesh is purest white, crisp, and of mild flavor. The roots are entirely free from the hollow center. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

WHITE BOX. An early variety, very popular with market gardeners. Radishes grow one and a half inches in diameter, with pure paper-white skin; crisp, mild flesh. Largely planted in the field for the earliest market crop. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

ROSY GEM. Produces a small, round root, with bright scarlet top and a clear white circle on tip. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

RUBY PEARL. Produces a small, round root, with bright scarlet top and a clear white circle on tip. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

EARLY LONG SCARLET SHORT TOP. The long, slender handsomely colored roots are most attractive. They are ready in about twenty-five days, crisp, brittle, and of choicest quality. They reach a length of five to six inches, growing half out of the ground. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.



SMALL RADISH

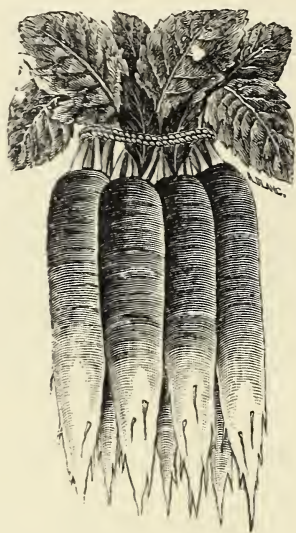
Radish—Continued



WHITE ICICLE
RADISH

WHITE ICICLE. The finest and longest of the very early pure white varieties. Radishes are ready for use in twenty to twenty-five days; their long, slender form and pure paper-white skin are most attractive when bunched for market. This radish is not only crisp and tender when young, but retains these qualities until the roots attain large size, so that it will remain in fine condition longer than any other first-class variety. A valuable forcing variety also for succession sowing in the open. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

LONG WHITE (LADY FINGER). Skin and flesh are pure snow white, crisp and of rapid growth. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.



CHARTIER RADISH

CHARTIER. Long, crimson, shaded white. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

NEW PEARL. A beautiful pearly-white half stump-rooted variety of exceptional merit. It is very firm and solid and after having reached its best condition it remains in good shape for some two weeks before becoming woody or showing any signs of going to seed. It is a radish we can heartily recommend and a variety which for all purposes is first-class. Every one who likes a long, white radish should plant Livingston's Pearl. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



CINCINNATI MARKET ("GLASS") RADISH. A strain of the Long Scarlet, growing to slightly larger size, fully as early and darker in coloring. A popular variety in the South and largely planted for shipping North during the early spring months. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

WHITE STRASBURG. A fine solid summer radish of large size. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

FRENCH BREAKFAST. Color bright carmine with clear white in the lower portion. Very tender and mild. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

WHITE CHINESE. One of the best winter radishes; stump-rooted and even when extremely large the radishes are solid, crisp and of a mild flavor; skin pure white. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

SCARLET CHINA. Bright rose color, flesh white, crisp and pungent. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

ROUND BLACK SPANISH. Excellent for winter use. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

HALF-LONG SPANISH. Long in shape, of good flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Rhubarb

Culture. Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills a foot apart, thin to 4 or 5 inches. Keep soil loose and free from weeds. The plants are liable to vary considerably. Pick out the strongest and best. In fall or spring following, transplant to the permanent bed, 4 feet apart each way, in deep, warm and very rich soil.

VICTORIA. The most popular variety, comes quite true from seed. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 55c.; lb., \$1.75.

Ruta Baga

IMPROVED PURPLE TOP. This special strain of Ruta Baga is remarkable for uniform shape and fine quality, and is also a splendid keeper. They grow to large size, skin is smooth and flesh a beautiful yellow color and fine grained. The flavor is good, being very sweet and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

AMERICAN PURPLE TOP. Very hardy and productive. The flesh is yellow, solid and sweet; good for stock or table use. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Salsify, or Vegetable Oyster

Culture. Used the same as carrots, or, after having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Sow early in the spring in drills 15 inches apart 1 inch deep; thin to 6 inches in rows.

MAMMOTH SANDWICH ISLAND. This variety of Salsify grows to a very large size and resembles a good-sized Parsnip. It is very mild and delicately flavored, and very popular. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

Spinach

Culture. For spring and summer use sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich. The stronger the ground the more delicate and succulent will be the leaves. The New Zealand Spinach, which requires more room, as it makes a large and spreading plant, may be started from seed early in the spring to give greens during the heat of the summer.

LONG SEASON. Leaves dark green, crumpled and of good quality. It may be sown each month during summer. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

VICTORIA. Thick leaves and fine texture, heavily crimped and dark green. Good for spring sowing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

LONG-STANDING ROUND-SEEDED. A large, crimped, thick, fleshy Savoy-leaved variety. Slow to run to seed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

BLOOMSDALE SAVOY. Very hardy; bears medium sized leaves. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

NEW ZEALAND. This endures heat and is best for summer. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Squash

Culture. Plant in well-manured hills, the bush varieties 4 feet apart each way, the winter sorts 10 to 12 feet each way. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects. When danger of such loss is past, thin to 2 or 4 plants to the hill. To repel the squash vine borer, throw a handful of tobacco dust close around the plants.

EARLY WHITE BUSH, SCALLOPED. This is the white Patty Pan of Cymling of the South. The plants are of true bush growth, producing fruit early for use very early in the summer. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

MAMMOTH WHITE BUSH. This is of true bush growth, nearly as early as the Early White Bush, and produces large, thick fruits with scalloped edges, frequently twelve to fourteen inches in diameter. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

TRUE HUBBARD. This is the well-known winter squash, now grown so largely throughout the country. Vines of strong running growth; fruits large olive shape, with dark-green skin and very rich flesh. An excellent keeper and of splendid quality. Our strain is extra fine. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

GOLDEN SUMMER CROOKNECK. Plants of true bush growth, very early fruit, and productive. The squashes are of the popular crookneck type, rich golden yellow, thickly warted. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

FORDHOOK'S SQUASH. This is a most desirable running variety for both summer and winter use. The vines are of strong, vigorous growth and wonderfully productive. Fruit oblong in form, eight to ten inches in length, slightly ridged, smooth, thin, yellowish skin; flesh very thick and of a light straw yellow. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

Masser's Pure Bred Selected Tomatoes

Culture. For first early Tomatoes select varieties of the earliest type and transplant into flats, thumb pots or plant boxes, and later on transplant again, giving more room. Never crowd the plants, but keep them short and stocky. Plants already in bloom or with fruit set, if in wooden plant boxes or in pots, may be transplanted to open ground.



MATCHLESS TOMATO

SPARK'S EARLIAN. This is an extremely early variety of Tomato and produces large clusters of fair size fruits, which are very uniform in size and shape. It is hardy, and can be set out early. Color of flesh deep red, very solid and fine flavor. Our strain of this variety is equal to the best that can be obtained. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 50c.

MASSER'S TRUCKER'S FAVORITE. The choicest large-fruited, purple Tomato. Most regular in form and size, thick meated and very solid, this is one of the largest smooth Tomatoes grown. Of a beautiful purplish-red color, well ripened throughout, the smooth fleshy fruits always bring the highest prices on the Philadelphia markets. It is a main-crop variety, maturing the same season as the Matchless and equally as productive. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 50c.

DWARF-GIANT TOMATO. Is much the largest fruited of all dwarf Tomatoes. The Tomatoes are truly gigantic in size and continue to be uniformly large throughout the season. They are produced in clusters of four to six and weigh from ten to twenty ounces each. The color is a rich purple-crimson and the depth of color is maintained throughout the entire fruit. Dwarf-Giant is the most meaty of all Tomatoes. Pkt., 10c.; $\frac{1}{4}$ oz., 25c.; oz., 80c.

THE STONE. The fruits are large and deep, bright scarlet, smooth, ripening evenly to the stem and exceedingly solid and firm-fleshed. It is very productive and the Tomatoes are heavy and thick-meated, making it a valuable variety for family use, and for canning purposes. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 50c.

DWARF STONE. This Tomato resembles the Stone in shape. Very solid, ripens evenly and of excellent flavor. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 50c.

GOLDEN QUEEN. A very handsome, large yellow Tomato. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 50c.

DWARF CHAMPION. A distinct and valuable variety; dwarf stiff habit, scarcely requiring any support; it is very early and wonderfully prolific; color same as Acme. It is perfectly round and smooth, of medium size. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 60c.

MATCHLESS. A large, bright red Tomato, very solid and meaty. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 50c.

CHALK'S EARLY JEWEL. The largest, smoothest and finest-flavored extra-early, bright-red Tomato. Within a week to ten days as early as Spark's Earlian, it is even a heavier cropper, with Tomatoes of larger size and sweeter flavor, produced continuously throughout the season. The plants are of strong robust growth, with ample foliage to protect the fruits from sunscald and not likely to blight. The bright scarlet fruits are smoothly round, very deep and solidly meaty, with only a few quite small seed cells and of remarkably fine, sweet flavor. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 50c.



TRUCKER'S FAVORITE TOMATO

Tomatoes—Continued

TRUE GIANT PONDEROSA. The fruits are so very solid and luscious for family gardens. The tomatoes are of extra fine quality for slicing. The vines are of strong growth and bear well. The deep purple fruits are oblong in form, generally ridged or ribbed. They are solidly fleshy, with small seed-cells; of extra sweet flavor. Pkt., 10c.; $\frac{1}{4}$ oz., 25c.; oz., 75c.

JOHN BAER. This variety was introduced a few years ago and commanded, when first placed on the market, \$1.00 per small packet. It is positively without exception the earliest tomato that we know of. The plant is very dwarf, growing in tree form and frequently the plants have small tomatoes on while yet in pots ready to be set out. The fruit is bright red and of medium size; its chief value lies in its earliness. Pkt., 10c.; $\frac{1}{4}$ oz., 25c.; oz., 80c.

BONNY BEST. One of the most prolific of early tomatoes. The size is not so large, but it is very solid and evenly formed. Color, a beautiful bright red. Pkt., 5c.; $\frac{1}{4}$ oz., 20c.; oz., 60c.

ACME. This is an old variety of medium size, spreading, upright growth. Fruits are produced in clusters of from three to five, somewhat flattened and show a tendency to grow irregular. The skin is an even purple-red color, while the flesh is dark red, fine in texture and slightly acid. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.; oz., 50c.

PRESERVING TOMATOES. The following small-fruited varieties are used for making preserves and are also quite ornamental. Pear-shaped Red, Pear-shaped Yellow, Yellow Plum, Yellow Cherry, Red Cherry, Red Currant, Red Peach, Strawberry or Ground Cherry. Each, 5c. per pkt., 60c. per oz.

The Best Turnips

Culture. For early, sow seed of flat varieties in open ground in spring in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For Fall and Winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation.

LONG WHITE OR COW-HORN. Rather slender, tapering roots, six to eight inches in length, measuring one and one-half to two inches in diameter at the shoulder and usually slightly curved in form. The roots grow half their length above the surface and are pure white, with crisp, sweet flesh. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

RED, OR PURPLE TOP, (STRAPLEAVED). A variety of the easiest culture and a general favorite with all; will do well sown either broadcast or in drills and will form good-sized bulbs. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

RED-TOP WHITE GLOBE. This grows very quickly to large size; root even and regular in form and of most handsome appearance. The bulbs will measure six inches and more in diameter, being of perfectly globe form, the upper portion is of rich purplish red and the lower half clear, creamy white. Flesh white, firm and crisp, of mild flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

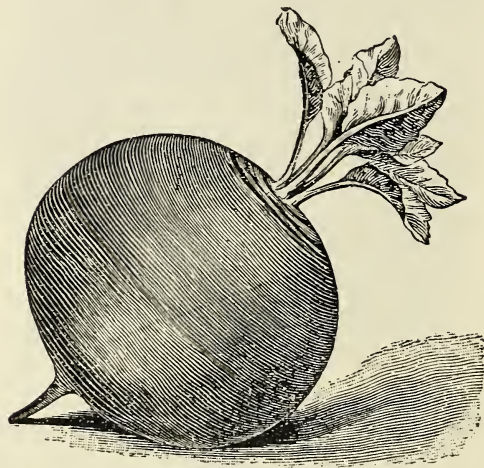


RED OR PURPLE TOP
LEAVED TURNIP

WHITE EGG. A splendid table variety, growing to a good size and of finest quality. Skin clear white, tender and most ornamental in appearance when washed for market. The flesh is fine grained and of mild, sweet flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

LARGE YELLOW OR AMBLER GLOBE. A splendid variety which grows to a large size. The smooth, oval bulbs are thick and broad at the shoulder. The skin is smooth and of a pale amber color, while the flesh is of a rich, creamy yellow and of excellent flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

EXTRA-EARLY PURPLE TOP MILAN. This celebrated foreign variety is the earliest strap-leaved turnip in cultivation; flesh pure white, purple top, of flat form and excellent quality. Highly recommended for an early crop. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.



RED TOP WHITE GLOBE TURNIP

Tobacco Seed

Tobacco is one of the most profitable crops and with the present high prices its cultivation should be seriously considered by every farmer whose soil and climate are suited to its culture.

CONNECTICUT SEED LEAF. An old, well-known variety. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.10; lb., \$3.50.

LANCASTER COUNTY BROADLEAF. More largely grown than any other in Lancaster County. Pkt., 10c.; oz., 35c.; lb., \$3.50.

HAVANA. Grown from seed imported from Vuelta de Abajo. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Water Melons

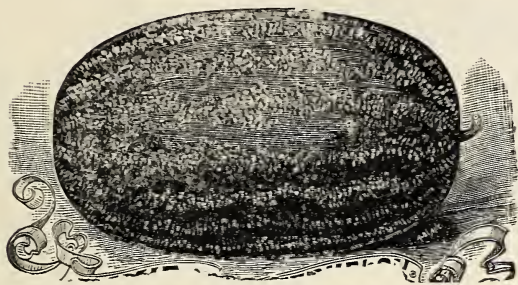
Plant in hills 10 feet apart each way or in drills 10 feet apart, dropping one seed every 3 feet. A little land plaster dusted over the young plants will keep beetles away. Watermelons require planting after the soil has become thoroughly warm, say about May 10th, in the latitude of Philadelphia.

DIXIE. The name attaches to this variety a peculiar recollection of things truly Southern, where this melon is at home. 'Tis one of the old-time favorites, roundish-long in shape. The skin is dark green, mottled light; the flesh is very sweet and ripens

close to the rind. Pkt., 10c.; 15c. per oz.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

HALBERT HONEY. An ideal family garden or home market melon. The long fruits with blunt ends are very large and weigh often 50 pounds, the rind is very thin dark, green, while the flesh is a rich crimson. It tastes like a sugar stick and it melts under pressure of the tongue. It is very prolific and is altogether a first-rater. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Water Melons—Continued



CKECKLEY SWEET WATERMELON

MAMMOTH IRONCLAD. Large, heavy, oblong fruits, averaging two feet in length under good cultivation. Skin dark green, with bright stripes of lighter green in mottled markings. Rind thin but tough; flesh bright red, firm, crisp, free from strings. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

SUGAR STICK. A large, light-green or grayish melon of finest flavor. The vines are of strong, vigorous growth, setting large melons in good numbers, measuring from 20 inches to 2 feet in length, with an average weight of 30 lbs. The rind is thin and tough and the skin a light grayish-green with narrow darker green lines, giving a mottled effect of small half-inch squares. The flesh is a deep, rich-red, with broad, solid heart, crisp and sugary. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

CKECKLEY SWEETS. A sweet one, to be sure, with a luscious tenderness all its own. It is not a shipping variety, as the rind is too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Our strain is grown from the originator's seed stock and we can recommend it highly. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.00.

TOM WATSON. A very handsome large fruit, frequently 2 feet long and 12 inches in diameter. The dark green rind is a contrast to the bright scarlet flesh, which is of splendid texture and flavor; the sugary meat really melts in your mouth. Nothing can touch it in the melon line for shipping qualities. The rind being tough, it will resist plenty of abuse. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

SWEET HEART. Popular for market. Large heavy fruits of oval or round form; skin very pale green, with distinct netted lines of slightly darker shade. The melons bear shipping well. The solid flesh is a deep-red. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

PRESERVING MELON, OR CITRON. A large-fruited variety, pure white flesh and thin rind. This is expensive when bought, yet can be grown and preserved by any energetic housewife, who will then also know it to be absolutely pure and good. It is planted like watermelon. California Red Seeded, pkt., 5c.

Masser's Northern Seed Potatoes

Will bring you earlier, larger, more salable crops. Grown in the far north.

Seed Potato Buyers Please Note

At the time of going to press with this Catalogue the potato market is so unsettled that we are unable to name prices. Please write stating kind and quantity wanted and we will quote by letter.

Pure Early Rose

The good old favorite—pure and true.

Every farmer and gardener knows the good qualities of the Early Rose potatoes. On some markets the Early Rose is the quickest seller of any potato. Many buyers look first for the pink skin and beautiful appearance.

Bliss Early Triumph

Always brings you above the market price. Bliss Early Triumph are the first "new" potatoes on the market in almost every section of the United States. Some record prices have been paid for Early Triumph so you will be assured of a profit if you plant them.

Triumphs run very uniform in size and shape. They are small to medium, almost round with rather squared ends. Skin is reddish pink, but flesh pure white. It cooks up dry and mealy, having won a reputation for splendid cooking quality. As eyes are shallow there is very little waste in peeling.

Our seed stock is Northern grown, nice looking.

Irish Cobbler

The Most Famous Early Variety in the East—
A Standard Early White.

The Irish Cobbler always commands a high price. It is creamy white, nearly round in shape, running very even in size. Cobbler will always be a favorite because of very superior cooking qualities.

GREEN MOUNTAIN, OR IMPROVED STATE OF MAINE.

A medium late, large, handsome oval white potato. A prolific yielder, and always of fine eating quality. Is not susceptible to disease, and is gradually becoming the standard white potato for late planting.

SPAULDING ROSE NO. 4. Medium early, flat, with red skin. Very prolific.

VERMONT GOLD COIN. The tubers are of good size and lie close together in the hill. In form the tubers are slightly oblong, rather broad and quite thick through; very easy to pare. The flesh is fine grained, of a pure, pearly whiteness, and cooks to a dry, floury whiteness.

DIBBLE'S RUSSET. A productive late variety of recent introduction that is destined to become very popular. The tubers are round, plump, immune to rust and blight, of a beautiful russet color, and of excellent quality.

Masser's Choice Flower Seeds

"Say it with Flowers"

Beautify Your Home Grounds—Plant Masser's Superior Flower Seeds.

We devote a lot of time to this department in order that our customers receive nothing but the best seeds and true to name and color.

Flowers help to beautify the home. What is more beautiful to the eye than flowers, and a velvety green appearance lawn helps to hold young and old folks at home.

Flowers are divided into three classes: Annuals, Biennials, Perennials, and these are each divided into two kinds, hardy and half-hardy.

HARDY ANNUALS. Seeds of these may be sown in open ground or garden early in the spring, last of April or during May. These will bloom abundantly the first year and die in the fall.

HALF-HARDY ANNUALS. These should be sown in boxes indoors or in hotbeds in March or April, and the plants set out in the place they are to bloom in May. Bloom first season and die.

HARDY BIENNIALS. Sow the seed of these outside during the last of April or during May. They will not bloom until the following year, after which they die.

HALF-HARDY BIENNIALS. Sow the seeds in the house in boxes or in hotbeds in March or April, set the plants out in May. They will bloom following year and then they die.

HARDY PERENNIALS. When once started these will bloom year after year and will not freeze out or die unless by some influence other than nature. Sow seeds outdoors last of April or during May. By planting in boxes indoors or hotbeds they are likely to bloom the first year and continue.

HALF-HARDY PERENNIALS. Sow seeds indoors in boxes or hotbeds in March or April. Some of these especially suited for pot culture; others may be set out in the garden in May but must be taken up in the fall before frost, and grown in pots in the house during winter.



AGERATUM

Achillea (Milfoil or Yarrow)

THE PEARL, "P. A." A very pretty hardy flower, pure white; grows two feet high, bearing from spring till frost, clusters of small double flowers; fine for cutting. Pkt., 10c.

Ageratum—Floss Flower

LITTLE BLUE STAR. Grows about 5 inches high and is covered with bright blue flowers. Pkt., 5c.

Alyssum

Popular bedding annual.

LITTLE GEM. Our strain of this variety is the best known; very dwarf and compact. Pkt., 10c.

TALL SWEET ALYSSUM. Pkt., 10c.

Amaranthus

TRICOLOR SPLENDENS. Beautiful variegated foliage with large crimson flower-heads. Pkt., 10c.; ¼ oz., 25c.

SALICIFOLIUS. A tall-growing kind with long, hanging flower-heads. Pkt., 10c.

Arctotis

GRANDIS (Blue-Eyed African Daisy). Pkt., 10c.

Antirrhinum—Snapdragon

Fine for bouquets. Showy bedding plants.	Per pkt.
GIANT WHITE. Large flowering.	\$0.10
GIANT SCARLET. Large flowering.	.10
GIANT YELLOW. Large flowering.	.10
GIANT MIXED. Large flowering.	.10

Asparagus Plumosus Nanus

We are regularly supplying the best growers with our true greenhouse-grown strain. 100 seeds, 50c.; 1,000, \$3.75; 5,000, \$18.00.

Aquilegia—Columbine

LONG SPURRED HYBRIDS. This strain comprises many new beautiful and pleasing shades and combinations. Plants are vigorous and stately in growth, producing abundantly large and elegantly shaped flowers with long spurs, borne well above the pale green foliage. Mixed pkt., 15c.



ASTER

Asters

CREGO'S GIANT ASTERS. The most beautiful of the newer types of American branching Asters. The flowers are of immense size, usually measuring from four to five inches in diameter, and borne on stems twelve inches or more in length. Their lasting qualities when cut are unsurpassed.

GIANT SHELL PINK.	Pkt., 10c.
GIANT AZURE BLUE.	Pkt., 10c.
GIANT PURPLE.	Pkt., 10c.
GIANT LAVENDER.	Pkt., 10c.
GIANT ROSE-PINK.	Pkt., 10c.
GIANT CRIMSON.	Pkt., 10c.
GIANT WHITE.	Pkt., 10c.; any three pkts., 25c.
CREGO'S GIANT MIXED.	A mixture of the above, each grown separately and then carefully blended. Pkt., 10c.

Masser's Choice Flower Seeds—Continued

Asters—Continued

Queen of the Market

Our stock of this grand, early-flowering Aster is the finest.

SELECTED WHITE. Pkt., 5c.
 SELECTED ROSE-PINK. Pkt., 5c.
 SELECTED CRIMSON. Pkt., 5c.
 SELECTED DARK BLUE. Pkt., 5c.
 SELECTED FLESH PINK. Pkt., 5c.
 SELECTED LIGHT BLUE. Pkt., 5c.
 SELECTED FINEST MIXED. Pkt., 5c.

Aster, Giant Comet

Long, narrow petals which curve at the ends give this flower the appearance of a Japanese Chrysanthemum. Long stems.

SNOW-WHITE. Pkt., 10c.
 ROSE. Pkt., 10c.
 LIGHT BLUE. Pkt., 10c.
 SHELL-PINK. Pkt., 10c.
 DARK BLUE. Pkt., 10c.
 CHOICE MIXED. Pkt., 10c.
 AMERICAN BEAUTY. Similar in type of flower and growth to the well-known Late Branching Asters. The large flowers are bright carmine-rose, almost identical with the world-famous American Beauty Rose. Pkt., 10c.

Balsam—Lady Slipper

Gives brilliant masses of beautiful flowers for little about 2 feet in height; transplanting dwarfs them and flowers more double.

DOUBLE MIXED. Pkt., 10c.

Begonia

Ever Blooming Bedding Varieties

SEMPERFLORENS, SINGLE MIXED. This mixture contains all the colors from pure white to deepest crimson; splendid. Pkt., 10c.

Bellis English Daisy

SNOWBALL WHITE. Pkt., 10c.
 DOUBLE RED, QUILED. Pkt., 15c.
 DOUBLE SELECTED, MIXED. Pkt., 10c.

Brachycome

(Swan River Daisy)

Free-flowering, dwarf-growing annuals; covered during the greater part of the summer with a profusion of pretty blue or white flowers. Pkt., 10c.

Canary Bird Vine

(Tropaeolum Canariense)

One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers. Pkt., 10c.

Campanula, Bellflower (Perennial)

Are used extensively as border plants. Tall varieties. excellent for cutting.

Campanula Calycanthema

Cup and Saucer
Pkt., 10c.

PERSICIFOLIA GRANDI-
FLORA. Blue, grows 3 to
4 feet high, excellent for
cutting. Pkt., 15c.

PYRAMIDALIS, CHIMNEY
BELL. Blue and white.
Pkt., 10c.

PERSICOLIA GRANDI-
FLORA. White. Pkt., 15c.

Campanula Medium

Canterbury Bell

A pretty biennial that may be had in bloom the first year from seed if sown early.

Single Mixed. Pkt., 5c.
 Double Mixed. Pkt., 10c.



CANTERBURY BELL

Calendula—Scotch Marigold

METEOR. Double; yellow. Pkt., 10c.
 PRINCE OF ORANGE. Rich, dark orange. Pkt., 10c.
 SULPHUREA fl. pl. Double; sulphur-yellow. Pkt., 10c.
 RANUNCULOIDES fl. pl. Double; striped. Pkt., 10c.
 PONGEII fl. pl. Double; white. Pkt., 10c.
 DOUBLE MIXED. Pkt., 5c.

Calliopsis (Annual)

TALL MIXED. Pkt., 5c.

Perennial Calliopsis or Coreopsis

GRANDIFLORA. Golden yellow. Pkt., 10c.
 GRANDIFLORA LANCEOLATA. Golden yellow; petals
lanced. Pkt., 10c.

Coboea—Cup and Saucer Vine

SCANDENS. Purple flowers. Pkt., 10c.
 SCANDENS ALBA. White. Pkt., 10c.



COBOEA SCANDENS

Cardinal Climber (Ipomoea Cardinalis)

The vines attain a height of 20 to 30 feet. The leaves are deeply lacinated, resembling those of a fine Japanese maple. The plants bear countless numbers of small, glowing scarlet flowers. Pkt., 15c.

Carnation

GIANT MARGUERITE. Our strain of this grand Carnation is the best procurable. We offer this splendid cut-flower in separate colors of Pink, White, Crimson, Scarlet, Striped and Mixed. Pkt., 10c.

Castor Oil Plant (Ricin)us

Heavy plants, with large leaves. Pkt., 5c.

Celosia Plumosa

Feathered Cockscomb
 OSTRICH PLUME. Yellow or crimson. Each 10c.
 OSTRICH PLUME. Mixed. Each 10c.

Celosia Cristata

Crested Cockscomb
 MIXED. A good mixer. Pkt., 5c.

Centaurea Imperialis

Giant Sweet Sultan

One of the most popular hardy annuals for florists; grows about 4 feet high.

CHOICE MIXED. Pkt., 10c.

Masser's Choice Flower Seeds—Continued



CANDYTUFT

Candytuft (A)

Candytuft is a very hardy plant, easily grown and flowers all summer. It is a universal favorite, and is used for beds, borders, pots, etc.

GIANT EMPRESS. An improved variety, producing very long spikes of bloom resembling a white hyacinth. Pkt., 10c.

MIXED COLORS. A mixture of the pink, purple, crimson and white varieties. Pkt., 5c.

Centaurea Cyanus

Cornflower

BLUE. Well-known blue. Pkt., 10c.

MIXED. Pkt., 5c.

Convolvulus—Morning Glory

TALL CLIMBING, MIXED. Pkt., 10c.

GIANT IMPERIAL JAPANESE. A magnificent advance over the old-fashioned kinds in color and size. Pkt., 10c.

Cypress Vine

(Ipomoea Quamoclit)

CRIMSON, WHITE, ROSE OR MIXED. Pkt., 5c.

Chinese Woolflower

CELOSIA CHILDSII. A distinct form of the plumed Celosia, with beautiful, ball-shaped flower-heads of a purplish-crimson color, somewhat resembling a ball of wool. It flowers profusely during summer and fall. Two or three feet tall. One of the finest fall-blooming annuals. Pkt., 10c.

Chrysanthemum—Annual

SINGLE MIXED. Pkt., 10c.

DOUBLE MIXED. Pkt., 10c.

Chrysanthemum—Perennial

SHASTA DAISY, "ALASKA." Pure white. Pkt., 25c.

MAXIMUM. Common Shasta Daisy. Pkt., 10c.

Clarkia

DOUBLE MIXED. Pkt., 10c.

Cinerarias

TALL MIXED. Trade pkt., 35c.

Coleus

Tender plants with attractive foliage, used for bedding. **MIXED COLEUS.** Tall-growing plants of many bright colors. Pkt., 10c.

Cosmos

DOUBLE CRESTED COSMOS. This new type of Cosmos is unique and exceedingly pretty. The flowers are of good size, with fully double centers and an outer row or crest of broad ray petals. The plants are vigorous, attaining a height of five feet, and are covered with blooms from early September until cut down by frost. This is the best of all Cosmos for cut-flowers, lasting well in water, and the dainty colors are most attractive for either garden or table decoration. Our strain is unsurpassed, producing 75 per cent double flowers. **DOUBLE CRESTED MIXED.** Pkt., 15c.

Giant Early Flowering Cosmos

This variety will flower in 60 days from sowing and blooms continuously till frost. The flowers are large, measuring 3 to 4 inches in diameter, the plant attaining a height of 4 to 5 feet.

Crimson, 4 feet.....	\$0.10
Pink, 4 feet.....	.10
White, 4 feet.....	.10
Mixed, beautiful shades, 4 feet.....	.05

Giant Late Cosmos

	Pkt.
Pink, 5 feet.....	\$0.10
Red, 5 feet.....	.10
White, 5 feet.....	.10
Mixed, 5 feet.....	.10

Delphinium

FORMOSUM (Perennial Larkspur). Brilliant blue with white eye. Blooms in June. 4 feet high. Pkt., 15c.

BELLADONNA SEEDLINGS. Light blue. 4 feet high. Pkt., 15c.

Dianthus—Double Annual Pinks

CHINA OR INDIAN PINKS. (Dianthus Sinensis). Flowering from early summer to fall; strong, sturdy growers, suitable for beds and borders. Flowers very double and in unlimited variety of colors borne on long stiff stems. Finest mixed, Pkt., 5c.

Hardy Garden Pinks

Very desirable for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy, refreshing odor.

DOUBLE MIXED CLOVE PINK. A beautiful class; very double, sweet and nice for cutting. Pkt., 15c.

SINGLE, FINEST MIXED. (Pheasant's Eye; D. plumarius). Many-colored, fragrant flowers, nicely fringed. Pkt., 5c.

Didiscus (Blue Lace Flower)

A charming annual blooming from July till frost. The plant is vigorous, growing to a height of 18 inches and producing a large number of pale lavender flowers which are useful for bouquets. **COERULEUS.** Pkt., 15c.

Digitalis (Foxglove) (P)

Excellent hardy perennials producing long clusters of tubular flowers. Splendid for shrubberies, shady places and borders. **GLOXINAEFLORA, MIXED.** Pkt., 10c.

Dimorphotheca (Orange River Daisy)

A showy garden annual, splendid for cutting. The daisy-like blooms are borne on long stems. Height 18 inches.

AURANTIACA HYBRIDS. A fine mixture of shades from white to rich rose. Pkt., 10c.

Dolichos (Hyacinth Bean)

A very rapid-growing, hardy annual climber, bearing pea-shaped blossoms and ornamental seed pods. Fine for covering screens, etc., 10 feet. White and purple. Pkt., 10c.

Echinocystis (Wild Cucumber Vine) (A)

The fastest growing annual vine in existence; will grow 20 feet in six weeks; pretty foliage and inconspicuous white flowers; soak seed in water over night before planting, in dry weather. **LOBATA.** Pkt., 10c.

Eschscholtzia (California Poppy) (A)

The beautiful lace-like foliage covers the entire growth a foot high, and has a silvery sheen. The cone-shaped poppy flowers appear on fairly long stems from June until frost without interruption.

CALIFORNIA. Bright yellow. Pkt., 10c.

PURE WHITE. Pkt., 10c.

ROSE PINK. Pkt., 10c.

GOLDEN WEST. Rich yellow. Pkt., 10c.

BRILLIANT SCARLET. Pkt., 10c.

ALL SHADES MIXED. Pkt., 10c.

Masser's Choice Flower Seeds—Continued

Euphorbia Variegata (A) (Snow on the Mountain)

Foliage veined, edged with white, 2 feet high. Pkt., 10c.

Forget-Me-Not—Myosotis

ALPESTRIC. Beautiful blue, trailing. Pkt., 5c.



FORGET-ME-NOT

Four O'Clock (Marvel of Peru)

The flowers have the strange habit of remaining tightly closed until about 4 o'clock in the afternoon, when they all open together and the plants become a glowing bank of vivid coloring, filling the air with their delightful fragrance. Seed should be sown early and thinly in drills where plants are to bloom. Height, 2½ feet. Tall mixed. Pkt., 10c.

Geraniums

ANIUMS. The flower-trusses are frequently 4 to 6 inches in diameter, and the individual flowers are often 1½ inches in diameter. Pkt., 15c.

Gourds

Hardy Annual. Vines that grow 15 to 20 feet and have ornamental foliage and odd-shaped fruits.

MOCK ORANGE (Orange-shaped). Pkt., 10c.

DIPPER, OR CALABASH. Pkt., 10c.

EGG-SHAPED. Pkt., 10c.

HERCULES' CLUB. 4 feet long. Pkt., 10c.

RAG, OR DISH-CLOTH. Pkt., 10c.

Gaillardia (Blanket Flower)

A splendid garden flower and excellent for cutting. The large highly colored, daisy-like flowers appear uninterruptedly the entire season on stout erect stems often 15 to 18 inches in length.

PICTA MIXED. Single flowers in all colors. Pkt., 10c.

Gypsophila (Baby's Breath) (H. A.)

Graceful, free flowering plant, forming a symmetrical bush, covered with loose panicles of flowers, excellent for cutting and mixing in bouquets.

ELEGANS GRANDIFLORA ALBA (Paris Market). This is an improved large-flowering, pure white, of free, easy growth. Several sowings should be made during the season to keep up a supply. Pkt., 10c.

ELEGANS CARMINEA. A blush pink form of above. Very free flowering. Pkt., 10c.

PANICULATA (P). White flowers, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. Pkt., 10c.

Helianthus (Sunflower) (A)

RED SUNFLOWER. The diversity of form of the Red Sunflower is as interesting as beautiful. Straight and flat petals vary with twisted and pointed ones, which appear colored in various shades of red, forming often a distinct circle of yellow ground around the dark disk; 3 feet high. Pkt., 10c.

NANUS FLORA PLENA. Double dwarf, beautiful for massing in beds. 2½ feet. Pkt., 10c.

GLOBOSUS FISTULOSUS FL. PL. (Double Globe or Dahlia Sunflower). Flowers a rich saffron color. 6 feet. Pkt., 10c.

CHRYSANthemum FLOWERED. Large golden yellow flowers resembling a Chrysanthemum. Pkt., 10c.

NEW MINIATURE. A mixture of the new dwarf sunflowers in a variety of colors. Pkt., 10c.

Helichrysum

MONSTROM. Double mixed. Pkt., 10c.

GLOBE AMARANTH. Bachelor's Button. Pkt., 10c.



HELICHRYSUM

Heliotrope

HALF-HARDY PERENNIAL. Seed sown in the spring will make fine plants for summer blooming, flowering the whole season. Flowers are delightfully perfumed. Pkt., 10c.

Hollyhock, Superb Double

ALLEGHENY, MIXED. Excellent fringed mixture. Pkt., 10c.

CHATER'S DOUBLE MIXED. Fine strain. Pkt., 10c.

Kochia

This highly ornamental annual plant grows quickly from seed sown in the open ground.

Also called Burning Bush and Summer Cypress. The plants branch freely and the stems are clothed with light-green leaves. Early in the fall the whole plant turns to bright scarlet. Pkt., 10c.

Lantana

DWARF MIXED. Pkt., 10c.

Lavandula

SWEET LAVENDER. Pkt., 10c.

LARKSPUR. Annual Tall Double Stock-flowered.

This is the finest variety of the annual Larkspurs. Flowers very double, plant attaining a height of 3 feet, and flowering all summer.

TALL MIXED. Pkt., 5c.

Lychnis

(Burning Star). Lychnis is known under a number of names, such as "Lamp-flower," "Maltese cross," etc. It is one of the most popular hardy plants, growing in almost any soil. Pkt., 10c.

Masser's Choice Flower Seeds—Continued

Lobelia

PUMILA SPLENDENS. Dark blue eyes. Pkt., 10c.
CRYSTAL PALACE. Dark blue; popular. Pkt., 10c.
PUMILA ALBA. Pure white. Pkt., 10c.

Marigolds

DOUBLE MIXED. Splendid. Pkt., 10c.
LEGION OF HONOR. Yellow. Pkt., 5c.

Mignonette

MIGNONETTE, FORDHOOK FINEST. MIXED. We have made a selection of the finest types, which we offer in this special mixture. Pkt., 5c.

Maurandya

Elegant alike in flower and foliage; of graceful growth, well suited for hanging-baskets, vases and light trellises.

FINEST MIXED. Blue, white, and mauve in mixture. Pkt., 10c.

Moonflower

(*I. pomoea grandiflora alba*). Hardy annual. During cloudy days and at night the plants are covered with almost numberless pure white flowers, very fragrant and of immense size—5 to 6 inches in diameter. They grow quickly. Sow early. Pkt., 10c.

Momordica

CHARANTIA. (Balsam Pear). Rapid-growing, with beautiful fruits of a rich, golden yellow color, which, when ripe, open, disclosing the seeds encased in a carmine covering. Pkt., 10c.

Nasturtiums

Nasturtiums require little care and bloom freely.

TALL NASTURTIIUMS. Usually used for arbor or trellis planting, but do equally well for mass planting without supports. Mixed. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

DWARF NASTURTIIUMS. The dwarf varieties are excellent for borders, along paths, and for pot culture. Mixed. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.



NASTURTIIUM

Nigella (Love-in-a-Mist)

Growing easily from seed and having a great abundance of long-stemmed flowers, which are the most beautiful corn-flower blue. Mixed. Pkt., 10c.

Nicotiana

AFFINIS. An annual with sweet-scented, pure white, ear-shaped flower; splendid for cutting. Pkt., 10c. Giant Red-Flowered. Pkt., 10c.

Masser's Giant Flowering Pansy

Our Mixtures of Pansies are made up with a thorough knowledge of the requirements for the florist, and are composed of only the best and choicest varieties.

FINEST GIANT MIXED. Pkt., 15c.

IMPERIAL MIXED. This mixture is not grown in mixture at all. It is "blended" in proper proportions of thirty named varieties. In no other strain is it possible to secure an equal quality "blend" of the finest, uniformly large, free-flowering Pansies. Pkt., 10c.

GOOD QUALITY MIXED. Pkt., 5c.



MASSER'S GIANT MIXED PANSY

Petunia

Our strains of Petunia cannot be surpassed for size of flower or range of colors. They are grown in Europe for us by a specialist.

Single-Flowering

GIANT SINGLE FRINGED. Our strain of this grand Petunia is the finest procurable. Flowers are large and elegantly fringed. Separate colors: White, Yellow, Rose, Crimson and Mixed. Pkt., 25c.

SINGLE PETUNIA. Mixed pkt., 5c.

Masser's Choice Flower Seeds—Continued

Petunia—Continued

Double-Flowering

GIANT DOUBLE FRINGED. Our strain of Double Fringed Petunias have been grown by the most critical florists and gardeners in the United States, and pronounced superb; all shades and colors represented. **Mixed pkt., 35c.**

Portulaca

A very free flowering plant, excellent for borders, rockeries and wherever a dazzling color effect is desired. Seed sown in May will bloom during June.

SINGLE MIXED. Pkt., 5c.; oz., 50c.

DOUBLE MIXED. A large percentage of the flowers will come perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. $\frac{1}{4}$ oz., 75c.; oz., \$2.50.

Primrose (Primula)

Half-hardy Perennial. These beautiful Primulas are among the most desirable house-plants for winter blooming in pots. The upright stems throw out heads of flowers which, when in full bloom above the rich carpet of foliage, produce a charming effect. While the Primula is grown very extensively by florists, they can be grown just as successfully in your window-garden. Sow the seed in the spring in good, porous loam.

OBCONICA GRANDIFLORA, MIXED HYBRIDS. Pkt., 15c.; 1-32 oz., \$1.00.

PRIMULA CHINENSIS. The Chinese Primrose, one of the most beautiful and popular window plants. Mixed colors. Pkt., 15c.

Poppies

Probably no class of plants enjoys greater popularity and is more widely grown than the Poppies. The wonderful range of brilliant colors of their delicate, gracefully borne flowers is well known. The poppies are quite hardy and the seed should be sown as early in the spring as possible. Make successive plantings for a continuous bloom all summer.

New Shirley Poppy

The very finest strain of single Poppies. All colors from white to deep scarlet.

FINEST MIXED. Pkt., 5c.

DOUBLE MIXED. Varied assortment, all colors. Pkt., 10c.

Hardy Perennial Poppies

ORIENTAL (P). This is extremely hardy and once established lasts for years. It produces immense single flowers four inches across and flowers in early summer. Sow the seed thinly, early in the spring, and leave the plants until September before moving them to the permanent garden.

HYBRIDS CHOICE MIXED. Pkt., 10c.

ICELAND (NUDICAULE) (P). A mixture of choice colors blooming the first year if sown early in the spring. Height 1 foot.

FINEST MIXED. Pkt., 10c.

Grandiflora, or Large Flowering Phlox

GRANDIFLORA MIXED. Many colors, a splendid mixture. Pkt., 10c.; $\frac{1}{4}$ oz., 35c.

PHLOX DRUMMONDI MIXED. The popular small flowering sorts; all colors. Pkt., 5c.; $\frac{1}{4}$ oz., 30c.

DWARF PHLOX. Valuable for low beds, edgings and pot culture, of compact growth, 8 inches high. Mixed colors. Pkt., 10c.; $\frac{1}{4}$ oz., 30c.

STAR PHLOX. Beautiful star-shaped and fringed flowers of all shades. Plants are dwarf and extremely free flowering. Pkt., 10c.; $\frac{1}{4}$ oz., 30c.

PERENNIAL PHLOX. One of the finest hardy perennial plants in cultivation and quite distinct from the annual sorts, the large flower heads being cone-shaped. Mixed colors. Pkt., 15c.; $\frac{1}{4}$ oz., 40c.



PHLOX DRUMMONDI

Pyrethrum Hybridum

SINGLE FLOWERING. Mixed colors only, ranging from pure white to dark red. Pkt., 10c.

Perennial Sweet Peas

An excellent vining plant with stems 8 to 10 feet long. Blooms very freely throughout the summer.

3839 MIXED. All three colors in mixture. Makes a showy display. Pkt., 10c.

Masser's Choice Flower Seeds—Continued

Scarlet Runner Beans

Annual rapid-growing vine; makes a good screen or shade. Vines are covered with sprays of bright scarlet pea-shaped blossoms, and these are followed by dark scarlet pods which are very delicious



when cooked. Pkt., 10c.
FINEST MIXED. Pkt., 10c.

Salpiglossis

SUPERBISSIMA. (Orchid flowered). This is considered the finest type of Salpiglossis for cutting. Finest mixed. Pkt., 10c.

Stocks (Ten Weeks)

The Ten Weeks is the leading variety for bedding. Bloom early, grow compact.

FINEST MIXED. Pkt., 10c.

Scabiosa (Mourning Bride)

FINEST MIXED. Pkt., 10c.; ¼ oz., 75c.

Very desirable for summer cut flowers. Fine mixed. All colors. Pkt., 5c.

Salvia (Flowering Sage)

BONFIRE (Clara Bedman). A salvia of very compact growth. vivid scarlet. Very popular. Pkt., 10c.; ¼ oz., 75c.

SPLENDENS. The old standard bright scarlet. Pkt., 10c.; ¼ oz., 50c.

Sweet William (Dianthus Barbatus)

Fragrant hardy perennial. These are matchless for border and bedding wherever rich color effects are desired. They flower richly in almost any soil, bearing large heads of richest tints. **PINK BEAUTY.** A rich, deep rose shade. Pkt., 5c.; ¼ oz., 30c. **SCARLET KING.** (New). An intensely deep rich, pure scarlet, a grand acquisition to this class of flowers. Pkt., 10c.; ¼ oz., 60c. **MIXED.** Single, all colors. Pkt. 5c., ¼ oz. 20c.



SWEET WILLIAM

New Giant Waved or Spencer Sweet Peas

There is no other flower that ranks greater in importance to the florist than Sweet Peas. Since the introduction of Countess Spencer some years ago they have steadily grown in favor. The florist may obtain any of his favorite colors of the Grandiflora type in the Spencers.

Flowers gigantic in size (often 2 inches in diameter), stems stiff. 12 to 15 inches long; the foliage and flower extraordinary in appearance.

DECORATOR. The color is rich rose overlaid with terra-cotta, intensifying to deep bright orange at base of wings. Pkt., 10c.; oz., 40c.; ¼ lb., \$1.25.

HERCULES. A magnificent soft rose-pink self. The standard frequently measures two and one-half inches in diameter. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

HELEN LEWIS. Orange-rose wings; the standard is intense rich crimson-orange. Pkt., 10c.; oz., 50c.

ROYAL PURPLE. The color is a rich, warm rosy purple, the younger flowers having a slightly softer color tone. Pkt., 10c.; oz., 60c.

YARRAWA. The flowers average two and one-half inches in diameter; many are duplex or double. The color is a bright rose-pink with a clear creamy base. Pkt., 15c.; oz., 65c.

FIERY CROSS. The standard is a scorching fire-red or rich orange-scarlet, which scintillates and glitters in the bright sunlight with a glowing fire-sheen that radiates over the entire

flower, including the rich, cherry-orange wings. Pkt., 15c.; oz., 60c.

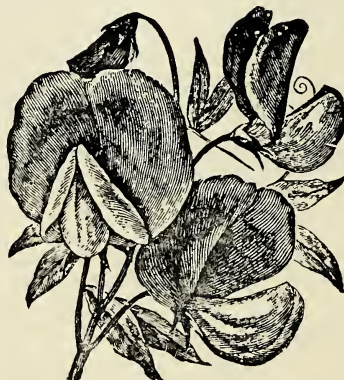
ILLUMINATOR. A rich, glowing cerise-salmon, with an indication of bright orange suffusion which marvelously scintillates and glistens under bright sunlight; under artificial light flowers appear to be a glowing orange-scarlet. Pkt., 15c.; oz., 60c.

LAVENDER KING. A first-class lavender has been much wanted in this type, therefore we have great pleasure in offering the new Lavender King. This glorious new variety is a rich, true, deep lavender throughout. Similar in color to the summer-flowering variety. The flowers are of large size, beautifully waved form, and borne in threes and fours on stems of great length. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

KING EDWARD SPENCER. Deep, rich carmine-scarlet. The wings are also carmine-scarlet, and on reverse side deep rosy carmine. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; lb., \$7.00.

WHITE IMPROVED SNOWSTORM. The result of a cross made between King White and Yarrawa, it embodies the best qualities of those two varieties and easily eclipses all early-flowering white Sweet Peas to date. The flowers are of Yarrawa size, but finer form, as the standard does not reflex, but is magnificently bold, though charmingly waved. A vigorous grower, the immense flowers are invariably borne in fours on very long stems. This is the last word in White Sweet Peas. Pkt., 15c.; ½ oz., 40c.; oz., 75c.; ¼ lb., \$2.40.

SPENCER MIXTURE. It is a carefully composed blend of the finest of the many varieties of Early-flowering Spencers. Pkt., 10c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.00.



SWEET PEAS

Sweet Peas in Mixture

FINE MIXED. This is grown in mixture of many old and new varieties. Pkt., 5c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.50.

EARLIEST OF ALL. Flowers fully ten days in advance of Extra Early Blanche Ferry. Standard bright rosy pink; wings creamy white, suffused light rose. Oz., 30c.; ¼ lb., \$1.00; lb., \$3.50.

EARLIEST WHITE. Comes into full bloom forty-five days after the seed is planted in the open ground. The dwarf plants, sixteen to twenty inches high, carry a profusion of the pure white flowers borne upon strong stems six to eight inches long. Each stem has two or three of the fully expanded flowers, placed close together. Pkt., 5c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.50.

Masser's Choice Flower Seeds—Continued



THUNBERGIA—BLACK-EYED SUSAN

Thunbergia (Black Eyed Susan)

ALATA. Buff, dark eye. Pkt., 10c.

ALBA. White, dark eye. Pkt., 10c.

Tritoma

EARLY PERPETUAL-FLOWERING HYBRID. This is an entirely new strain of the popular Poker Plant. If seed is started in a warm place during February or March, the plants will flower freely the first year. With a mulch of leaves or rough litter during winter, they are perfectly hardy and begin blooming in May the second season, continuing to flower freely until frost. Two- or three-year-old plants frequently bear 18 to 25 fully expanded spikes at one time, and if these are cut as they fade, new spikes will quickly take their place. Height, 3 feet. Pkt., 15c.

Verbena

Our Mammoth Fancy Strain of Verbenas is the best procurable. It cannot, we believe, be excelled for freedom of bloom, size or color.

VERBENA HYBRIDA, MIXED. Large flower-heads. Of the richest colors, and also the finest varieties of the aucula-eyed type. Pkt., 5c.

LEMON VERBENA. Lemon-scented (*Lippa citridora*). The delightfully fragrant foliage makes it desirable for cutting. Pkt., 15c.

Wallflower

DOUBLE BROWN. Pkt., 10c.

DOUBLE YELLOW. Pkt., 10c.

PARIS EXTRA-EARLY. Flowers the first season from seed Pkt., 10c.

Vinca (Madagascar Periwinkle)

This makes a fine bedding plant and can also be grown indoors. 18 inches high.

MIXED. The above three varieties. Pkt., 10c.



VERBENAS

Curled and Crested Zinnias

Height 2 feet. A choice strain of this interesting variety. The petals are twisted and curled in such a manner as to give the appearance of a fine-petalled Cactus Dahlia.

ALL COLORS MIXED. Pkt., 15c.

MASSER'S GIANT DOUBLE DAHLIA FLOWERED ZINNIA. The plant is striking and spectacular in appearance and distinctly bespeaks its vigor and sturdy growth, which reaches a height of from three to four feet. The large, magnificent blooms that greatly resemble Decorative Dahlia and average from four to five inches across are borne on strong stems, clear of foliage, which make them very desirable for cut flower as well as garden decoration.

GIANT MIXED. Pkt., 15c.; $\frac{1}{4}$ oz., 75c.; oz., \$2.75.

GOLDEN YELLOW. A lovely shade of yellow. 15c.

GIANT PRIMROSE. Light lemon yellow deepening toward the center. 15c.

SCARLET. This is a rich shade of orange-scarlet. 15c.

WHITE. A magnificent pure white of largest size. 15c.

PURPLE. This is a particularly striking shade of light purple. 15c.

FLESH PINK. Enormous flowers of this most attractive color. 15c.

CANARY YELLOW. Clear canary or lemon yellow. 15c.

EXQUISITE. Light rose, center deep rose. 15c. Pkt.

DWARF FIREBALL. (*Zinnia pumila coccinea plena*). Double flowers of a fiery scarlet. Pkt., 10c.

BURPEE'S NEW CACTUS-FLOWERED ZINNIAS. Distinct in form from all other Zinnias, as the petals are so quilled that they become almost tubular. They are straight, radiating from the center of the flowers, which thus greatly resemble a fine-petaled cactus dahlia. Pkt., 15c.

Department of Bulbs and Roots

Abbreviations of variety, as follows: (C) Cactus; (H. C.) Hybrid Cactus; (D) Decorative

Instructions for ordering bulbs. Our seed and bulb departments are entirely separate. By reason of the different types of packing required, we believe it to be for the best interest of our customers to ship separately. Bulbs as ordered will be forwarded subject to weather conditions. The packings or boxes in which bulbs are received, should, upon receipt, be opened and unpacked at once. The bulbs not needed for immediate planting should be spread out thinly in a cool, dry place where they will be safe from extreme heat or freezing.

MASSER'S BRILLIANT FLOWERED CANNAS

CHAS. HENDERSON. Crimson-green foliage. $4\frac{1}{2}$ feet high.

CRIMSON BEEDER. Dazzling crimson-scarlet well displayed above the foliage. 3 feet high.

JANE ADDAMS. Color a rich deep yellow with a touch of red at the throat. $4\frac{1}{2}$ feet high.

MME. CROZY. Brilliant vermilion scarlet, bordered yellow. 3 feet high.

QUEEN CHARLOTTE. 4 feet. Orange scarlet with gold band.

YELLOW KING HUMBERT. 4 feet. Is proving as widely popular as its companion, King Humbert. Has immense yellow orchid-like flowers, spotted with brilliant red. **Bulb, 10c. each; \$1.00 per dozen.**

CITY OF PORTLAND. This is an excellent Canna. The color is a glowing shade of pink. The plants make a sturdy upright growth. Height, $3\frac{1}{2}$ feet. **25c. each; 3 for 70c.; 6 for \$1.30; 12 for \$2.45; 25 for \$4.75.**

MASSER'S CHOICE DAHLIA BULBS

Each bulb will be plainly marked with a wired label. All are good healthy roots.

ATTRACTION (H. C.). A beautiful Dahlia that is greatly admired. The flowers, which measure fully 6 inches in diameter are composed of gracefully arranged curled or twisted petals of a lively yet soft silvery mauve-rose with white suffusion. **50c. each.**

AMUN RA (D). A very large flower of orange, borne on long, stiff stems. Valuable for cutting or garden decoration. **\$1.00 each.**

BREAK O'DAY (C). A good sized flower; clear sulphur-yellow shading to sulphur-white at the tips; early and free-flowering. **50c. each.**

BASHFUL GIANT (D). Yellow, suffused salmon-red. **\$1.00 each.**

CALIFORNIA BEAUTY (C). A great exhibition flower of large size and splendid form, long twisted incurved tubular petals of a tender silvery pink, which passes gradually towards the center to a soft ivory white. **50c. each.**

CHAMPAYNE (D). Very large; deep crimson shaded orange; fine form, long stems. **\$1.50 each.**

DADDY BUTLER (C). A very large creamy white hybrid cactus, petals curved and twisted. **\$1.00 each.**

GLADYS SHERWOOD (H. C.). A giant, free-flowering, long stemmed variety. The large white blooms being full to the center. **75c. each.**

EAGLE ROCK BEAUTY (D). One of the most popular favorites of the large-flowered Californians, producing its blooms on very long stiff stems very freely. These are of a pleasing salmon color with shrimp-pink shadings. **\$5.00 each.**

FAITH GARBALDI (D). Hybrid Show. Large and distinct; high, full center, with petals notched at tips. Color a clear primrose yellow. **\$2.50 each.**

GRISETTE (C). Very large flower with quilled petals. Color red, lightly edged lavender white. A strong grower and free bloomer. One of the best. **\$1.50 each.**

INSULINDE (D). One of the finest and most artistic Dahlias of distinct form with petals twisted and curled. Stems are two to three feet long, and flowers 9 to 10 inches across. Color, a rich saffron yellow shaded russet orange. **75c. each.**

JERSEY BEAUTY (D). The large flowers, 7 to 10 inches across are carried on stiff, wiry stems, often $1\frac{1}{2}$ to 2 feet long. In colors they are an exquisite lilac-pink, shading to white at the center. **\$1.00 each.**

MIXED CACTUS AND DECORATIVE DAHLIAS. **15c. each; \$1.50 per dozen.**

LADDIE (D). One of the finest and largest orange shading red dahlias grown. **75c. each.**

MILLIONAIRE (D). A splendid variety. Color delicate lavender with faint pink shading, blending to white. A vigorous grower and profuse bloomer. **\$1.00 each.**

MARMION (D). One of the most effective varieties for all purposes. Color soft yellow, suffused and tipped carmine, bright and effective. The plant is a strong vigorous grower of dwarf branching habit and an early, profuse and continuous bloomer. The flowers are large and borne on stiff erect stems. It is a hybrid decorative. **\$5.00 each.**

MRS. EDNA SPENCER (C). One of the best of the narrow petaled Cactus varieties. The large flowers are produced on strong stems and are of a most delicate lavender-pink color with white suffusion. **50c. each.**

MRS. I. deVER WARNER (D). A splendid free-flowering variety of creamy white, with just a faint apple blossom suffusion; flowers of gigantic size, over 8 inches in diameter and on strong, stiff stems. **75c. each.**

NIBEL-UNGEHORT (C). Flowers from 7 to 8 inches across a beautiful shade of old rose with golden apricot suffusion. **50c. each.**

OUR COUNTRY (D). Huge flowers on long erect stems; color, crimson red; excellent for exhibition garden and a cut flower; fine keeping qualities. **\$1.50 each.**

PATRICK O'MARA (D). A fine autumn shade variety. Color soft orange buff, tinged neyron rose. Very large and vigorous. **50c. each.**

RED CROSS (C). Has been much in evidence and greatly admired at the many exhibitions. It is a very large golden yellow, heavily suffused and marked with coral-red. Very free. **\$1.00 each.**

SKAGGERAK (C). A mammoth flower, often reaching nine inches in diameter. It is a free bloomer. Color, yellow. **75c. each.**

SANHICAN RUBY (C). An improvement over the variety Countess of Lonsdale. Color, salmon pink and amber possibly more intensified and luminous, but with better, stiffer stems. **\$2.00 each.**

TRENTONIAN (D). The ground color is orange-tan, veiled with a delicate mauve rose. **\$1.50 each.**

WIZARD OF OZ (C). Flowers frequently 7 inches in diameter. Color of which is yellow, suffused with salmon-rose. **\$1.50 each.**

PRESIDENT WILSON (D). A splendid fiery-red. **\$2.00 each.**

Department of Bulbs and Roots—Continued

MASSER'S CHARMING GLADIOLA

A summer among the Gladioli in your garden is as refreshing as a cool breeze at sunset. Why not get a taste of the many surprises that this wonderful modern flower holds in store for you? It is a pleasure to wake up every morning.

AMERICAN. Exquisite, soft pale pink, tinted lavender. Most popular Gladioli in existence. 7c. each; 75c. a doz.; \$6.00 per 100.

GLORY OF HOLLAND. Fine white with light lilac markings in throat. Large flowers, well placed on long straight spike. 10c. each; \$1.00 a doz.; \$8.50 per 100.

HALLEY. Delicate salmon pink with creamy blotch, very attractive flower, early blooming qualities have made it one of the most popular varieties. 10c. each; \$1.00 a doz.; \$8.50 per 100.

LOVELINESS. A beautiful cream colored variety with darker markings, stately spike with immense flowers. 10c. each; \$1.00 a doz.; \$8.50 per 100.

MAJESTIC. Delicate orange pink, a brilliant color. Certificate of merit. 10c. each; \$1.00 a doz.; \$8.50 per 100.

MRS. FRANCIS KING. Light scarlet of pleasing shade. Enormous wide open flower, splendid cut flower and excellent keeper. 10c. each; \$1.00 a doz.; \$8.50 per 100.

MRS. FRANK PENDLETON. Very large, well expanded flowers. Salmon pink with brilliant carmine blotches in the throat. 10c. each; \$1.00 a doz.; \$8.50 per 100.

NIAGARA. Beautiful creamy yellow with primrose yellow throat, good spike. 15c. each; \$1.50 a doz.; \$11.00 per 100.

PINK PERFECTION. Beautiful soft pink color of the carnation Enchantress. A tall grower, rather late blooming. The spike is well set with flowers and frequently these are artistically bent. Surely a glorious variety. First class certificate Haarlem and London. 10c. each; \$1.00 a doz.; \$8.50 per 100.

PRINCE OF WALES. Beautiful light salmon with orange shade, very early. First class certificate of Haarlem. 10c. each; \$1.00 a doz.; \$8.50 per 100.

SCHWABEN. Pure canary yellow, shading to a soft sulphur yellow. Strong spike and sturdy plant. 15c. each; \$1.50 a doz.; \$11.00 per 100.

WAR. Deep red of brilliant color. Extra large open flowers. 10c. each; \$1.00 a doz.; \$8.50 per 100.

WILBRINCK. Lovely flesh pink with creamy blotch on lower petals, new and very beautiful. 10c. each; \$1.00 a doz.; \$8.50 per 100.

WILLY WIGMAN. Beautiful blush white, with dark carmine blotch. Mixed colors, extra large bulbs. Per bulb, 10c.; doz., \$1.00.

HARDY GARDEN LILIES

If you have a partially shaded spot in your yard—perhaps in among the shrubs—that is fairly well drained—plant Lilies in it. Lilies will fill up that space and make it a pleasing sight every day in the summer. They are cool looking on hot days with their kingly bearing and foliage of green contrasted with the pure waxy colors of the flower.

LILIUM AURATUM. The Gold Banded Lily of Japan. Blooms in July and August. Flowers pure white, background dotted with crimson spots, while through the center of each petal runs a golden band. Plant this one in your border of Peonies, etc. Flowers immense. Each, 40c.; 3 for \$1.00; doz., \$3.75., prepaid.

LILIUM SPECIOSUM ALBUM. Blooms in August and September. The petals are recurved and twisted in beautiful form, white and delicately perfumed. Each, 35c.; 3 for 90c.; doz., \$3.25.

LILIUM SPECIOSUM RUBRUM. Similar to Album except that petals are white, shaded and spotted rose. Each, 35c.; 3 for 90c.; doz., \$3.25.

MADERIA VINE

The old favorite "Climbing Mignonette" which is as popular today as it was years ago. A rapid grower, doing well in any location, but it likes a sunny, protected spot best. Leaves are light green, heart-shaped, and the foliage is covered with small white feathery flowers. Large bulbs, each, 10c.; 3 for 25c.; doz., 90c.

CINNAMON VINE

The Cinnamon Vine is one of the most beautiful climbers and will grow 30 feet in a single season. Can be easily trained over and about a window or anywhere around the house. The vine produces clusters of delicate white flowers, which send out the most delicious fragrance. Perfectly hardy, thriving anywhere, growing in the shade, in the sun and where it is wet or dry. Die down each winter, but grow up very early in the season. Good strong roots, large size. 10c. each; 3 for 25c.; doz., 90c.; 100 for \$7.00.

TUBEROSES

The Tuberose is one of the most delightfully fragrant summer flowers. It is fond of light and heat and should not be set outdoors until May 1st.

DWARF EXCELSIOR PEARL. A double flowered variety with stiff dwarf stem. Flowers glistening white like wax and exceedingly fragrant. Spikes frequently bear from 40 to 50 flowers. Large size, each, 8c.; doz., 75c.; 100 for \$6.00.

CALADIUM ESCULENTUM

(ELEPHANT'S EAR). A very effective plant for setting out on the lawn either singly or in beds and massed in combination with Cannas it is superb. Invaluable for a tropical effect. Caladiums will grow in any garden soil, but if given lots of moisture and rich soil they will grow to an enormous size, five to six feet high. Bulbs are safely stored over winter in dry sand.

SELECT SIZE BULBS. Seven to nine inches in circumference. Each, 20c.; 3 for 50c.; \$1.75 per doz., prepaid.

LARGE BULBS. Nine to eleven inches in circumference.

Each, 30c.; 3 for 80c.; doz., \$3.00, prepaid.

MAMMOTH SIZE. Eleven to thirteen inches in circumference. Each, 45c.; 3 for \$1.25; \$1.75 per doz., prepaid.

BEGONIAS, TUBEROUS ROOTED

GIANT SINGLE. White, pink, crimson, yellow and salmon. 25c. each; \$3.50 per doz.

GIANT DOUBLE. White, pink, crimson, yellow and salmon. 35c. each; \$3.50 per doz.

MASSER'S MAGNIFICENT PEONIES

The Flower for the Million and the Millionaire.

The roots you receive from us are field grown, large and healthy and will give much better results than the cheap ones. No other flower is as well adapted for large, showy bouquets.

Extra fine varieties in Red, White, Pink and Cream colors. 60c., 75c., \$1.00, \$1.50, \$2.00; postpaid to your door.

FANCY LEAVED CALADIUMS

No other summer foliage plant equals the Fancy Caladiums in rich and gorgeous, yet soft coloring. All of the varieties are of marvelous beauty for the furnishing of the conservatory during the summer months, for window boxes, or even for outdoor bedding in shady or semi-shady positions. Our collection consists of more than fifty distinct and beautiful varieties. We offer special selections as under:

CHOICE STANDARD VARIETIES. 30c. each; \$20.00 per 100; set of 12 distinct sorts, \$3.00.

EXTRA CHOICE NEW AND RARE VARIETIES. 50c. each; set of 12 sorts, \$5.00.

Masser's High Grade Fertilizers

All prices on Fertilizers subject to market changes

ACID OR ROCK PHOSPHATE (16%). Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200 lb. sacks only. \$3.25 per 200 lbs.; $\frac{1}{2}$ ton, \$13.50; \$22.00 per ton.

ASHES, HARD WOOD. Apply 1000 lbs. per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top dressing lawns and grass fields it is applied to best advantage either in very early spring or late fall. Per 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.25 per 200-lb. bbl.; 1000 lbs., \$18.00; per ton, \$35.00.

BACTERIA, FARMOGERM. An extensively advertised preparation for inoculating legumes prior to sowing or planting. Be sure and state crop the Farmogerm is desired for when ordering. Price, trial size (for Beans, Peas and Sweet Peas), 50c.; 1-acre size, \$1.00; 3-acre size, \$2.50; 12-acre size, \$9.00.

BLOOD (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 60c.; \$1.00 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.50; \$11.50 per 200 lbs.

BONE (Coarse Ground). Apply 800 to 1000 lbs. per acre. Prepared from raw bone, exactly like bone meal, except that it is not so fine or quick in action; it is used for the same purpose. 200 lb. bags only. 4 lbs., 25c.; 50c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.50; \$8.00 per 200 lbs.; 1000 lbs., \$37.50; \$65.00 per ton.

BONE FLOUR. Finely pulverized and bolted. Effective immediately. For rose growing this cannot be excelled. Rich in phosphoric acid and ammonia. Apply 600 lbs. per acre. 5 lbs., 25c.; 50c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.50; \$8.00 per 200 lbs.; 1000 lbs., \$37.50; \$65.00 per ton.

HORN SHAVINGS. Used principally for mixing in potting soil; is rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 65c.; \$1.10 for 10 lbs.; 25 lbs., \$2.00; \$3.75 for 50 lbs.; 100 lbs., \$7.00.

HUMUS (Alphano). An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with $\frac{1}{2}$ to 2 inches of Humus and spaded in. 5 lbs., 25c.; 45c. for 10 lbs.; 25 lbs. for 85c.; \$1.35 per 50 lbs.; 100 lbs., \$2.50; \$11.25 per 500 lbs.; per 1000 lbs., \$18.00; \$30.00 per 2000 lbs.

LIME (Hydrated or Powdered). This is a very fine article for distributing on grass. Promotes growth, gives the grass a rich color and has a tendency to prevent the growth of weeds. Apply one ton per acre. 25c. per 10 lbs.; 50 lb. sack, 85c.; \$9.00 per 500 lbs.; 1000 lbs., \$16.00; \$30.00 per ton.

MURIATE OF POTASH. Apply 100 to 150 lbs. per acre, usually with other fertilizers. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50 per cent. actual potash. 5 lbs., 45c.; 75c. per 10 lbs.; 25 lbs., \$1.50; \$2.50 for 50 lbs.; 100 lbs., \$4.75; \$8.00 for 200 lbs.; 100 lbs., \$37.00; \$70.00 per ton.

NITRATE OF SODA. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 45c.; 85c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$9.50 per 200 lbs.; 1000 lbs., \$45.00; \$80.00 per ton.

PLANT FOOD (Walker's). A highly concentrated chemical fertilizer for house, garden or conservatory. Clean, odorless and producing early and abundant blossoms of rich and brilliant color, and healthy, luxuriant plants. 5 oz., 20c.; 12 oz., 35c.; 5 lbs., \$1.50; postage, 5c. extra per lb.



tablets (by P. P., 85c.); 1000 \$3.65).

STIM-U-PLANT. A plant food in tablet form; contains highly concentrated, immediately available forms of plant food for use in stimulating all fruit, flower, vegetable and ornamental plants, and may be used in tablet or in liquid form. Per pkg. of 30 tablets, 25c. (by P. P., 30c.); 75c. per pkg. of 100 tablets, \$3.50 (by P. P.,

SOOT (Imported Scotch). This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 75c.; \$1.25 per 10 lbs.; 25 lbs., \$2.00; \$7.00 per 112 lbs.

READING PLANT FOOD. For lawns, gardens and house plants. 2 lbs., 50c.; 5 lbs., 75c.; 10 lbs., \$1.25.

ARCADIAN SULPHATE OF AMMONIA. A wonderful fertilizer for lawn, garden or orchard. Guaranteed 25 $\frac{1}{4}$ per cent. ammonia, highly concentrated, quick acting. Ammonia supplies nitrogen, the most essential plant food. One 2-lb. package of Arcadian contains as much nitrogen as 100 lbs. of stable manure. No weed seeds, no odor, no lumps, all soluble. Does not gather moisture. Always fine and dry. Regularly used by the best fertilizer companies. Made in America. Full directions on package. Write for free pamphlets. Price, 2-lb. package, 35c.



Fertilis Tablets are a complete, concentrated plant food that will make your plants grow faster and prettier.

Fertilis Tablets are sold in boxes of 100 at 25c. each or in cans of 1,000 at \$2.00.



TANKAGE. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.75 per 200 lbs.

TOBACCO STEMS. For fumigating, mulching and fertilizing, these are invaluable. The chief fertilizing element in them is the potash. 60c. for 5 lbs.; per bu., \$1.00; \$1.75 per bbl. sack; in large bales at 2 $\frac{1}{2}$ oz. per lb.; per $\frac{1}{2}$ ton, \$17.00; \$32.00 per ton.



Makes Plants Grow!

The real secret in making plants grow to perfection lies in preparing a rich fertile soil. Plants require a generous supply of plant food and a loose mellow soil to develop their real beauty. So if you want a beautiful lawn and garden or big profitable crops be sure to make your soil rich and fertile.

Wizard Sheep and Cow Manures are concentrated weedless manures that make all plants grow to perfection. They are not chemical stimulants, but are real soil building plant foods, safe and dependable for every use. They supply the necessary humus and plant food to put new life into worn-out soils. Wizard Manures are economical—one bag equals a whole wagon load of stable manure. They have a lasting beneficial effect on your soil. Every one can get results with Wizard.

LAWNS

Wizard Sheep Manure produces a thick, velvety green turf of lasting beauty. Make an application early in spring and you will be surprised at the new beauty it will develop. On new lawns broadcast 10 pounds to every 100 square feet and rake into the surface soil. To renew old lawns, rake well and broadcast 6 to 10 pounds per 100 square feet. Avoid weeds by using Wizard.

BLOOMMAID

For Flowers, Shrubs, Vegetables

If you want your flowers to bloom earlier and longer, your shrubs and hedges to be greener, thriftier, we recommend that you use Bloomaid. Brings blooms ten days to two weeks earlier—makes plants double the size of those not treated.

Use it in the vegetable garden, around shrubs and to enrich the soil in window boxes and flower pots.

Fifteen times as rich as manure; does not bring in weed seed or the spores of plant diseases.



Bloomaid Prices

Tablet Form:	
(125 Tablets)	\$0.25
Liquid Form:	
(8-oz. Bottle) . . . .	.50
Pulverized Form:	
1-lb. Can. . . . .	.25
5-lb. Container . . .	.50
25-lb. Bag	1.75
100-lb. Bag	5.00

FLOWER GARDENS

Luxuriant green foliage and a wealth of vivid colored flowers are the result of feeding your plants with Wizard. In making new plantings be sure the soil under the roots is made rich and fertile. Light applications during the growing season will put new life into your plants and prolong the blooming period. A handful mixed well with the soil under each plant will insure strong, rugged growth. Broadcast 10 pounds per 100 square feet of garden soil.

VEGETABLES AND FRUIT

If you want a big crop of crisp, tender vegetables, be sure to use Wizard. Every practical gardener knows that there is nothing better than manure to grow big crops of vegetables. Fruit crops respond quickly to this natural plant food. It improves the yield, color and flavor. Use 1000-1500 lbs. per acre.

FLORISTS

Wizard Sheep and Cow Manures have been the standard of quality for eighteen years. For feeding and liquid manuring Wizard is unexcelled. Shredded Cow Manure makes an ideal mulch and supplies sufficient plant food to grow big crops of highest quality. It is unexcelled for roses. You need manure to grow plants at a profit and it pays to use Wizard.

SEND FOR FREE BOOKLET

PRICES

PULVERIZED SHEEP MANURE—100 lbs., \$3.00; 500 lbs., \$11.25; 1000 lbs., \$22.50; 2000 lbs., \$45.00. F. o. b. Reading, Penna.

PULVERIZED OR SHREDDED COW MANURE—100 lbs., \$3.00; 500 lbs., \$11.25; 1000 lbs., \$22.50; 2000 lbs., \$45.00. F. o. b. Reading, Penna.

V-C FAIRWAY FERTILIZER

For Lawns and Grass

To have a lawn of closer, faster-growing grass that resists drought, stays greener—constantly thickens and spreads—use V-C Fairway Fertilizer.

This is the treatment now used on the lawns of country estates, polo fields and on the most famous golf courses.

Fifteen times as rich as manure; costs not more than 10 cents for each 100 square feet to be treated. Practically no odor.

Prices

100-lb. Bag (enough for 5,000 sq. ft.)	\$5.00
50-lb. Bag (enough for 2,500 sq. ft.)	3.00
25-lb. Bag (enough for 1,250 sq. ft.)	1.75
10-lb. Bag (enough for 25 sq. ft.)	1.00
Convenient, easy to handle. Complete directions for lawn treatment on every bag.	



Insecticides and Fungicides



ACME GARDEN GUARD. A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on:

Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds. Prices: 1 lb. sifter carton, 25c.; 5 lbs., \$1.00; 100 lbs., \$15.00.

ACME BAIT-M. For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground. Prices: 1 lb., 40c.



A remarkably effective insecticide that rids your roses and plants of leaf-chewing insects, including caterpillars, slug worms, Japanese beetle, etc., and many blights. Also fertilizes the plant through the foliage. Use alternately as a companion spray with Fungtrogen. Both carry their own spreader. Only water is required.

4 oz.	\$0.50	Quart.	\$2.75
½ pt.	1.00	½ gallon.	4.50
Pint.	1.75	1 gallon.	8.00



Conquers Mildew and Black-Spot on roses and diseases of other plants. Assures luxuriant foliage and bloom.

½ pt.	\$0.75	½ gal.	\$3.50
Pt.	1.25	Gal.	6.00
Qt.	2.00		

ANT EXTERMINATOR. A powder for destroying ants in house, lawn or garden. ½ lb., 30c.; ½ lb., 50c.

ARSENATE OF LEAD. (Powdered). Contains at least 33 per cent. arsenic. Superior to paste arsenate, stands suspension longer and has more covering capacity. 1 lb., 45c.; 5 lbs., \$1.75; 10 lbs., \$3.50; 25 lbs., \$7.50.

APHIS PUNK. A nicotine paper for fumigating greenhouses. Box, 70c.; case of 12 boxes, \$7.00.

BORDEAUX MIXTURE. (Powder). A combined fungicide and insecticide. Can be used dry or as a spray. When used as a spray, 6 pounds to 50 gallons of water. 1 lb., 35c.; 5 lbs., \$1.50.

BUG DEATH. Used instead of Paris Green for eating insects on Potatoes, Cucumbers, Squash and Currants. 1 lb., 25c.; 3 lbs., 60c.; 5 lbs., 85c.; 12½ lbs., \$1.75.

FIR TREE OIL SOAP. For destroying mealy bugs, scale, aphid, red spider. ½ lb., 50c.

GRAPE DUST. A powdered preparation for mold, mildew or rust mites. 5 lbs., 85c.

PARIS GREEN. For potato bugs and other leaf-eating insects. Mix with Land Plaster or use as a spray. ½ lb., 30c.; 1 lb., 45c.; 5 lbs., \$2.00.

SCALE DESTROYER. A liquid oil emulsion which remains on the trees, softening and killing scale and keeping the bark in good condition. 1 gal., \$1.50; 5 gals., \$6.50; ½ bbl., 30 gals., \$27.00; 1 bbl., 50 gals., \$39.50.

SHOO FLY. For keeping flies off cattle and horses, used with a sprayer or a sponge. Per qt., 50c.; gal., \$1.50.

TREE TANGLEFOOT. The best remedy against caterpillars and all tree crawling insects. 1 lb., 50c.; 3 lbs., \$1.45; 5 lbs., \$2.40.

WEED KILLER. The methods of killing weeds thoroughly by application of this liquid has become general. Used only on paths, drives, gutters and places where no growth is wanted. One gallon makes 40 gallons of treating liquid. Price, 1 qt., 60c.; 1 gal., \$1.75; 5 gals., \$7.00; 30 gals., ½ bbl., \$33.00; 50 gal. bbl., \$47.50.



"G" CYANOGAS. Fumigant for greenhouse fumigation. Dusting to kill ants, rats, mice, moles, bugs, etc. Price, 5 lbs., \$3.00; 1 lb., 75c.

HELLEBORE. For currant worms and sucking insects. ¼ lb., 25c.; ½ lb., 50c.; 1 lb., 80c.

INSECT POWDER. (Pure Dalmation). For roaches, ants, moths, fleas, etc. ¼ lb., 30c.; ½ lb., 50c.

KEROSENE EMULSION. Concentrated. (Liquid). For plant lice and aphid. Qt., 60c.; 1 Gal., \$1.50.



PYROX. A combined insecticide. Used largely by potato growers. 1 lb., 45c.; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$10.75; 100 lbs., \$15.50.

"COMPANY FRONT" BRINGS OUT THE BEST IN THE REGIMENT.

RAT CORN. Sure death to rats and mice; not poisonous to other animals. 25c.; 50c. and \$1.00 size cans.

SULPHIDE OF POTASSIUM. For mildew. Use ¼ oz. to 1 gal. water. 4 oz. bottle, \$1.00.

SULPHUR, POWDERED. For mildew. Lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.80.

WHALE OR FISH OIL SOAP. Used during the summer as a wash, thus preventing the spread of scale. 1 lb., 35c.; 5 lbs., \$1.50; special prices on large quantities.

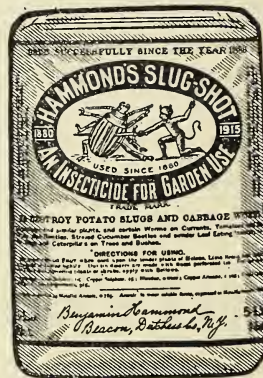
K-R-O. Kills Rats Only. Price, 75c.

NIKOTEEN. An economical and powerful nicotine extract. Effective remedy against aphid and fly insects. Bottle, 40c.; ½ lb., 85c.; lb., \$2.00.

SLUG SHOT. One of the cheapest and best powders for destroying insects, especially on Cabbage. 1 lb. carton, 20c.; 5 lbs., 75c.

TOBACCO DUST. For fumigating and dusting plants affected with aphid. 1 lb., 10c.; 3 lbs., 25c.

SULPHO-TOBACCO SOAP. Nicotine, Sulphur and Soap—three well-known insecticides are all combined in this soap. Much more effective than a simple Nicotine spray against Black and Green Aphid, Mealy Bug, Red Spider and many other sucking insects. Price, 15c.



BLACK LEAF 40. A concentrated nicotine solution for spraying. 1 oz., 35c.; ½ lb., \$1.25; 2 lbs., \$3.25; 10 lbs., \$11.85.

LIME SULPHUR (Dry). This combination is a most effective remedy for scale or fungus troubles, used in fall and winter; dilute with water. 1 lb., 35c.; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$4.00; 50 lbs., \$7.50; 100 lbs., \$14.00.

LEMON OIL CO.'S INSECTICIDE. For all insects and soft scale. ½ pt., 35c.; pt., 65c.; qt., \$1.00; gal., \$3.00; 5 gal. keg, \$12.00.



MELROSINE. An efficient Rose Bug remedy. A powerful and highly concentrated insecticide, used as a spray. Per ½ pt., 50c.; pt., \$1.00; qt., \$1.75; ½ gal., \$3.25; gal., \$6.00.

NICO FUME. This is the strongest tobacco paper on the market. Does not injure blooms, and furnishes the easiest method for fumigation ever devised. Box of 24 sheets, \$1.50; box of 144 sheets, \$5.25; 288 sheets, \$9.25.

NICO FUME LIQUID. An effective vaporizing liquid. 1 lb., \$2.25.

WHY BUGS LEAVE HOME



WILSON'S O. K. PLANT SPRAY. For 20 years the leading insecticide of America, for inside and outside spraying. For Aphid, Thrip, Mealy Bug, Scale, Rose Bugs and many other insects. The only insecticide recommended by the officers of the Garden Club of America. Prices, ½ pt., 50c.; 1 qt., \$1.25; 1 gal., \$3.25.



Florists Pots, Azalea and Bulb
Pans—Saucers

Flower Pots, Azalea, Bulb Pans

Height and Width Inside	Each	Doz.	100	1000
1 inch.....	\$0.03	\$0.19	\$ 1.48	\$13.50
2 inch.....	.02	.16	1.23	11.25
2½ inch.....	.02	.18	1.40	12.75
3 inch.....	.03	.24	1.65	15.00
3 inch.....	.03	.28	2.14	19.20
4 inch.....	.05	.42	3.30	30.00
5 inch.....	.07	.78	5.94	54.00
6 inch.....	.10	1.08	8.91	81.00
7 inch.....	.17	1.62	14.85	.....
8 inch.....	.25	2.81	21.45	.....
9 inch.....	.39	4.32	33.00	.....
10 inch.....	.52	5.83	44.55	.....
11 inch.....	.78	8.64	66.00	.....
12 inch.....	.98	11.88	90.75	.....
14 inch.....	1.75	19.44	148.50	.....

BASKETS. Pottery. 7 in., 75c.; 10 in., \$1.50; 12 in., \$2.00.
Hanging.

Saucers

	Each	Doz.	100
4 inches.....	\$0.04	\$0.43	\$2.48
5 inches.....	.05	.55	3.30
6 inches.....	.07	.72	4.95
7 inches.....	.08	.86	6.60
8 inches.....	.10	1.15	9.08
9 inches.....	.14	1.45	12.38
10 inches.....	.18	2.02	14.85
11 inches.....	.22	2.45	18.15
12 inches.....	.26	2.88	22.28
14 inches.....	.44	4.90	37.13

Masser's Keystone Plant Tubs

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 30c. per pair, not attached to tub.

No.	Inside Diam.	Depth	Each
No. 1.....	6 in.	6 in.	\$0.75
No. 2.....	7 in.	7 in.	.80
No. 3.....	8 in.	8 in.	.85
No. 4.....	9 in.	9 in.	.90
No. 5.....	10 in.	9 in.	1.10
No. 6.....	11 in.	10 in.	1.15
No. 7.....	12 in.	11 in.	1.50
No. 8.....	13 in.	12 in.	1.75
No. 9.....	14 in.	13 in.	2.00
No. 10.....	15 in.	14 in.	2.25
No. 11.....	16 in.	15 in.	2.35
No. 12.....	17 in.	16 in.	2.95
No. 13.....	18 in.	17 in.	3.25
No. 14.....	19 in.	18 in.	4.50

Paper Flower Pots

Inches Diam.	Per Doz. P. P.	100 P. P.	1000
2¼.....	\$0.15	\$0.60	\$4.45
2½.....	.20	.70	5.15
3.....	.25	.90	7.05
3½.....	.30	1.10	9.15
4.....	.30	1.45	11.40
5.....	.50	2.20	17.75
6.....	.65	3.00	22.00

Attention. Florists and Gardeners write us for discounts that apply on the above pot list in quantities.

Notice. Any supplies not found in our list of Miscellaneous Supplies will be pleased to quote prices. Write us often.

New York Cedar Tubs With Feet

No.	Inside Top Diameter	Depth Inside	Each
No. 1.....	12 inch	10½ inch	\$2.50
No. 2.....	14½ inch	15 inch	3.95

Garden Accessories

Hyacinth Stakes

Just the thing for tying up hyacinths, tulips, fuchsias and all small pot plants.

Painted green, 12 in.....	1000 \$2.50
Painted green, 18 in.....	3.50

Japanese Plant Stakes

Bamboo canes, light, durable and can be used three or four years, as they don't rot. 6 feet. \$25.00 per 1000.

- HAND POWDER GUN. Holds 4 ozs., 40c., postpaid.
- HAND POWDER GUN. Holds 1 pint, 75c.
- ROOT'S DUSTER, \$20.00.
- FENNY POWDER DUSTER. Good hand duster, \$1.25.
- VERMOREL BELLOWS TYPE DUSTER. Simple. \$1.40.

Glazing Materials

Permanite is a glazing compound, composed of asbestos fiber and special long-life weather resisting non-drying oils. 1 gal. \$2.05; 5 gals., at \$1.95 per gal.; 15 gals. at \$1.85 per gal.

PERMANITE GUN. This gun makes application easy. \$6.00 each.

- PUTTY BULBS. A useful tool. \$1.50 each.
- GLAZING POINTS, Peerless. Box of 1000, 75c.
- DIAMOND GLASS CUTTER. 25c.
- GRAFTING WAX. ¼ lb., 20c.; ½ lb., 30c.; 1 lb., 55c.

MASTICA. A substitute for putty for greenhouse glazing.

\$2.50 per gal., in lots of 5 gals. and over \$2.40 per gal.

PUTTY DISTRIBUTOR. For putty or mastic. \$1.50.

Garden or Greenhouse Hose

HOSE RUBBER. Extra quality, ¾ inch, per foot, 17c.; one inch, per foot, 19c.; wire-wrapped, inch, per foot, 20c.

GARDEN AND GREENHOUSE HOSE. Moulded, ½ in. per foot, 20c.; moulded, ¾ in., per foot, 23c.; electric, ¾ in., per foot, 22c.

HOSE NOZZLE. Boston, coarse or fine, \$1.00; Allen, \$1.25; Allen, \$1.00; Gem, 85c.

MASSER'S SPECIAL. ¾ inch moulded. 17c. per foot.

Painted Pot Labels

	100 per 100	By P. P. \$0.40	1000
4 inch.....	\$0.35		\$2.25
4½ inch.....	.40	.45	2.75
5 inch.....	.45	.50	3.00
6 inch.....	.55	.60	3.50
8 inch.....	1.60	1.70	9.00
10 inch.....	1.75	1.90	11.00
12 inch.....	2.25	2.50	14.00

Tree Labels

Copper Wired Tree Labels, painted. 50 3.25
Prices subject to change without notice.

Garden Accessories—Continued

ASPARAGUS KNIVES. American V-shaped. 60c.

BELLOWS RUBBER. An excellent sprinkler for plants and cut flowers. We have them in straight and angle necks. 6 oz., 85c.; 8 oz., \$1.10; 10 oz., \$1.45.

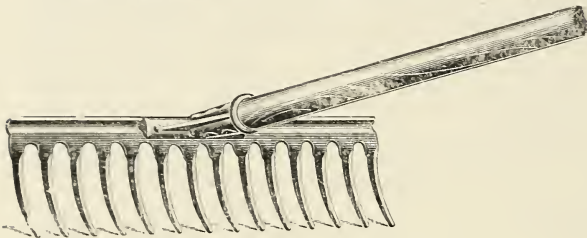
CORN KNIVES. For cutting cornstalks or heavy grass. 50c. each.

DIBBLES. For transplanting cabbage, celery, etc. 55c. each.

FORKS. Used for weeding or general garden use. 10 in., 50c.



FORKS, SPADING. 4 tine, D handle, best material, \$1.75.

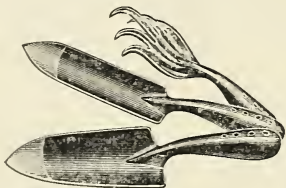


RAKES. Steel, garden, 8 teeth, 75c.; 10 teeth, 80c.; 12 teeth, 85c.; 14 teeth, 90c.; 16 teeth, \$1.00.

BOW RAKE. Steel, 9 teeth, 90c.; 11 teeth, 95c.; 13 teeth, \$1.00; 15 teeth, \$1.15.

Three Piece Garden Set

No. 83. Set of three tools: One each, No. 80 Trowel, No. 81 Trowel and No. 82 Weeder. All made of heavy pressed steel, handsomely finished. Packed in paper carton. Per set, 75c.



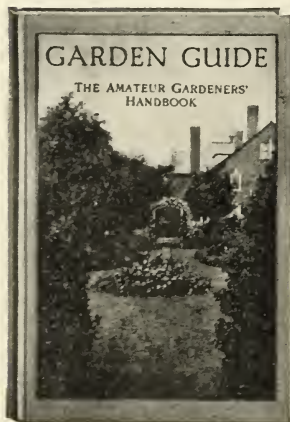
LITTLE GIANT SULPHUR MACHINE BLOWER, \$12.00.
Prices subject to market changes.

Garden Guide

The Amateur Gardeners' Handbook.

Tells you how to raise vegetables, fruits and flowers; how to plan, plant and maintain the home grounds, the suburban garden, the city plot; how to care for roses and other favorite flowers, hardy plants and window boxes. Chapters on pruning, propagation, fertilizers, diseases, insect pests, weeds, tools, winter storage, canning, birds, garden furniture and a thousand and one practical pointers.

Price, \$1.50



TROWELS. American steel, 15c.; 25c. and 35c.; English pattern, steel, strong, 6-inch, 65c.; 7-inch, 75c.; Cleves' Angle or curved Transplanting, 5-inch, 20c.; 7-inch, 30c.; Tomato, \$1.25; Berry, 50c.; Transplanting, 65c.; steel shank, extra fine quality heavy, 85c.



HOES. Garden, extra quality; 5-inch, 75c.; 6, 7 and 8-inch, \$1.00; Double prong, \$1.10; single prong, \$1.00.

HUSTLER. Galvanized steel wire, 24 teeth, \$1.00; 36 teeth, \$1.25.

LAWN KING. Wooden, 22 teeth, 75c.; 26 teeth, \$1.00; 39 teeth, \$1.25.

AUTOMATIC SELF-CLEANING WOOD. 22 teeth, \$1.00; 26 teeth, \$1.50; 38 teeth, \$2.00.

SEED SOWER. Cyclone, \$2.75.

SHOVELS. Round point, \$1.85; square point, \$1.85; long handle shovel, \$1.90.

SPADES. Special, \$1.85; Maynard's solid steel, \$2.25; ladies' or boys' \$1.50.

SPUDS WEEDER. Long handle, dandelion, 90c.

STAKES. Heavy rose or dahlia, round, painted green, 3 feet, each, 10c.; dozen, \$1.00; 100, \$7.00; 4 feet, each, 13c.; dozen, \$1.30; 100, \$9.00; 5 feet, dozen, \$1.70; 100, \$12.00; 6 feet, each, 20c.; dozen, \$1.90; 100, \$13.75.

DISSTON PRUNING SAWS. 14-inch, \$1.25; 16-inch, \$1.35; double edge lightning, 16-inch, \$1.50.

PRUNING KNIVES. \$1.50.

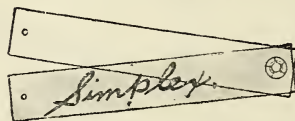
BUDDING KNIVES. \$1.25 to \$1.50.

GRAFTING WAX. ¼ lb., 20c.; ½ lb., 30c.; 1 lb., 55c.

RUBBER SPRINKLERS. Angle neck, straight neck, 3 sizes. 75c.; \$1.00 and \$1.35.

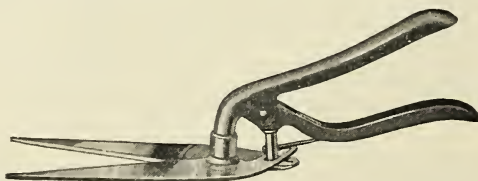
Simplex Weatherproof Plant Labels

With Copper Wires



Sizes	Per Hundred
No. 1—3 x ½ inches.....	\$3.00
No. 2—4 x ¾ inches.....	5.00
No. 3—5 x 1 inches.....	7.00

The No. 1 and No. 2 sizes are packed in boxes of 100. The No. 3 size in boxes of 50.



GOODWIN GRASS SHEARS are a fine garden tool—made to make a hard job easy. Cold rolled steel handles, shaped to fit the hand with no sharp edges to chafe and blister the palm, are designed for fullest comfort. Blades are positive acting and lively, one single strong music wire spring in handle returns them to open position without effort.

Ball Bearing Model.....	\$2.00
Junior Bronze Bearing Model.....	1.75

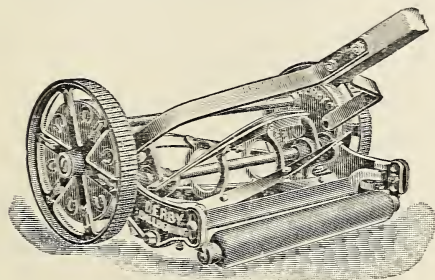
Garden Accessories—Continued



The Stevens Fertilizer Distributor

For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting greens. Insures perfect and even distribution and requiring less time than by the broadcast hand process.

HAND MACHINE. Holds about $1\frac{1}{4}$ bushels; covering area 3 feet wide. Nicely finished. Price, \$24.00.

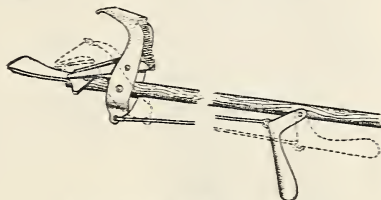


Kayso Spray Spreader and Adhesive

Will Kayso increase the market value of your fruit? Yes, by eliminating the poison blotches, the fruit will be better and more uniformly colored. It will also be free of spray-burn blemishes. 10 oz. size, 35c., postpaid; 1 lb. box, 55c., postpaid; 10 lb. sacks, \$2.50; 50 lb. sacks, \$10.50.

Dandelion Diggers

The dandelion digger is a simple, effective tool. No back breaking work—no soiling of the hands. All the user has to do is slip the blade into the ground beside plant, squeeze the handle and pull it out. Handle 42 inches long. Weight $1\frac{1}{2}$ pounds each. Price, \$1.25.

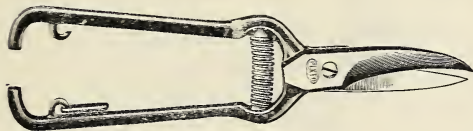


Lawn Mowers

Lawn Mowers. All sizes. Sure Cutters. Write for Prices and Catalog

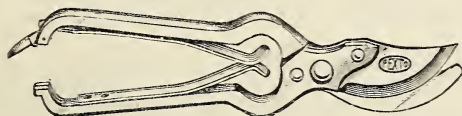
Flowers show to best advantage on a closely cropped lawn or surrounded by any size or a well-kept grass patch. That makes a good lawn mower a necessity. We have them in all sizes. They are sure cutters. Easy to handle. Any child can run the smaller sizes. Wear a life-time if properly cared for. Write for prices and catalog.

Pruning Shears



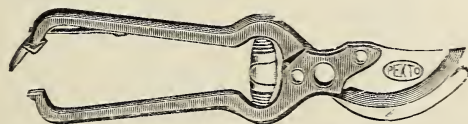
No. 16—7 inch

Drop forged from one piece solid tool steel with curved polished blades. Piano wire coil spring. Postpaid, \$1.25.



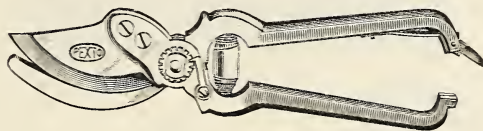
No. 60—9 inch

California Pattern, highest grade and tempered tool steel blade riveted to head. Dead black finish. Postpaid, \$2.00.



No. 50 "R"—9 inch

California Pattern. Polished, tempered tool steel blade, riveted to head. Volute spring. End fastening clip. Bolt has adjusting nut and regulating ratchet. Postpaid, \$1.50.



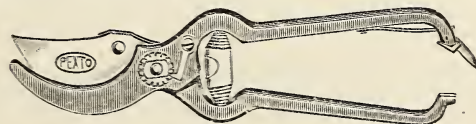
"R" 70—9 inch

Polished straw color tempered crucible steel blade. Fastened with two screws to handle. Polished head bolt has adjusting nut and regulating ratchet. Postpaid, \$2.25.



"R" 65—9 inch

California Pattern, highest grade polished and tempered too steel blade riveted to head. Bolt has adjusting nut and regulating ratchet. Postpaid, \$2.50.



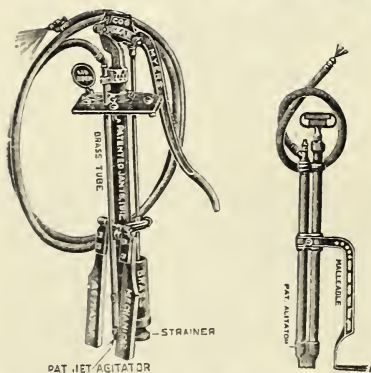
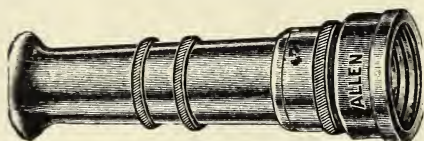
No. 50—8 inch

California Pattern. Polished, tempered tool steel blade, riveted to head. Volute spring. End fastening clip. Dead black finish. Malleable iron head and handles. Postpaid, \$1.15.

Garden Accessories—Continued

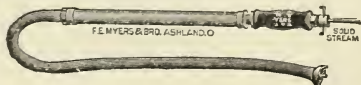


BROWN'S AUTO SPRAY. Convenient, durable, efficient. Our patented leader of spray apparatus for small uses. Will do better work and do it easier than any other similar article Auto-Spray No. 1B, brass, \$8.00; Auto-Spray No. 1D, galvanized tank, with "Auto-Pop," \$6.50.

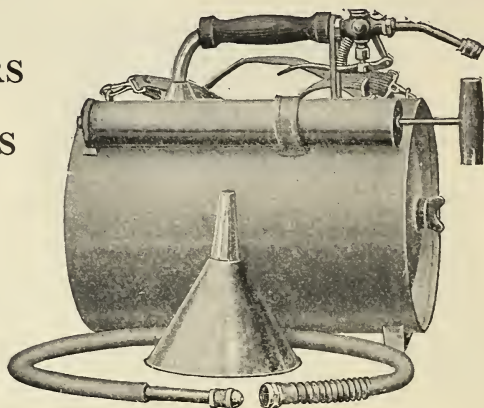


MYER'S BARREL PUMP. For hot, cold or any kind of mixture. Has machined agitator, solid brass ramplunger, ground bevel valve and seat. Price, \$17.50.

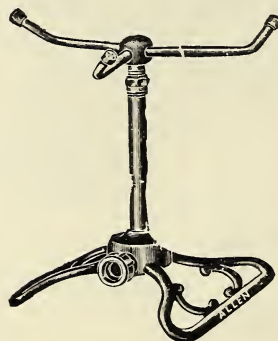
MYER'S BUCKET PUMPS with agitator. Complete with hose and imperial combination, fine, coarse and solid stream nozzle with malleable foot rest. \$5.75.



SPRAYERS and DUSTERS



LOWELL'S COMPRESSED AIR SPRAYER. Galvanized, \$6.50 complete; Brass, \$8.00 complete.
Brass continuous hand sprayer, \$1.50.
Galvanized continuous hand sprayer, 85c. and \$1.00.
Tin hand sprayer, 60c., 75c.
Baby Midget sprayer, 35c.



ANACONDA SPRINKLER. (See cut.) A splendid sprinkler that operates on ball bearings. Price, \$3.00, postpaid.

RING SPRINKLER. See cut. \$1.00.

SCYTHES. English lawn, riveted back, 30 and 32-inch, \$1.50; 34-inch, \$1.60; 36-inch, \$1.70. (Prices subject to change without notice.)

SCYTHE STONES. English style, 30c.; Darby, 20c.; Carborundum, 35c.

SCYTHE SNATH. Improved pattern, \$1.50.

HOSE CLAMPS. Each, 8c.; per dozen, 75c.

HOSE COUPLERS. Brass, $\frac{3}{4}$ in., per pair, 30c.; per dozen pairs, \$3.00.

HOSE MENDERS. Iron, each, 10c.; per dozen, \$1.25.

HOSE MENDERS. Cooper's, brass, each, 15c.; per dozen, \$1.25.

HOSE MENDERS. Perfection, each, 15c.; per dozen, \$1.35.

MOLE TRAPS. Out-O-Sight, \$1.75.

PINS. Husking, stamped steel, 25c.; solid steel, 35c.

(Prices subject to change without notice.)

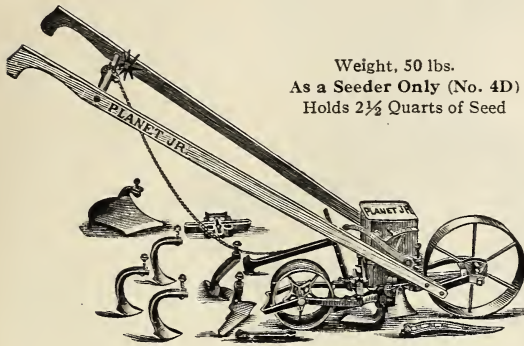
MAGIS. 35c.; Pull Easy Dandelion Lawn Weeder, \$1.00.

JUTE TWINE. For tying plants and vegetables. We can furnish 2, 3 and 5 ply. Ball, 20c.; per lb., 40c.

RAFFIA. Natural color. Lb., 70c.; Dyed, lb., \$1.50.

MYER'S BUCKET PUMP. For general use. Has a very powerful brass chamber. \$6.00

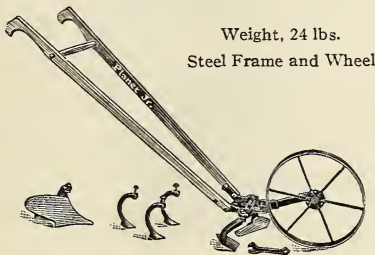




Weight, 50 lbs.
As a Seeder Only (No. 4D)
Holds $2\frac{1}{2}$ Quarts of Seed

No. 4 Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

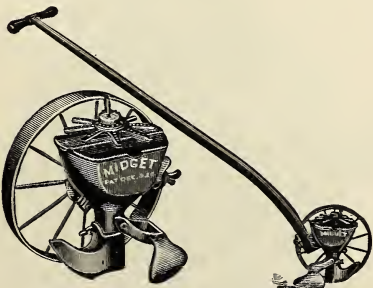
Thousands of home and market gardeners everywhere use the Planet Jr. No. 4 profitably and you will find it will save you dollars and hours of work and make gardening a pleasure. Complete, \$18.00.



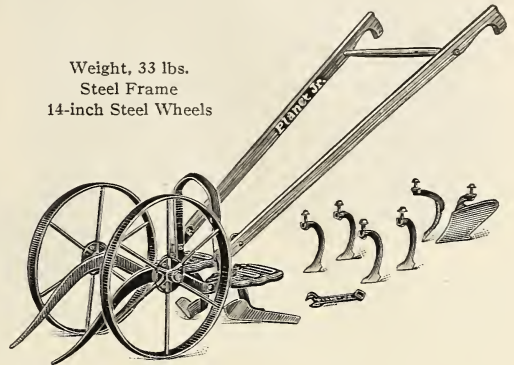
Weight, 24 lbs.
Steel Frame and Wheel

No. 17 Single Wheel Hoe, Cultivator and Plow

The No. 17 with its valuable assortment of attachments is a very complete tool for any kind of garden work—plowing, cultivating, harrowing, hoeing, opening and closing furrows, hilling up plants—always useful throughout the season. Complete, \$7.75.



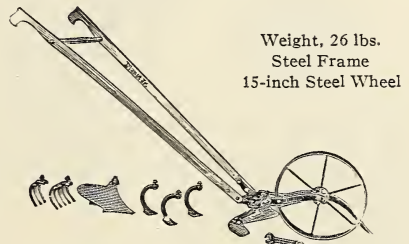
THE MIDGET SEEDER. Will pay for itself in a short time, because it saves seed by sowing accurately. It drills almost any kind of garden seed, including peas and beans. The Midget opens the furrow, sows the seed and covers up, all in one operation. Sold with handle or may be easily attached to almost any wheel cultivator. Weight 6 pounds. No. 1H with handle, \$5.50.



Weight, 33 lbs.
Steel Frame
14-inch Steel Wheels

No. 12 Combined Double and Single Wheel Hoe, Cultivator and Plow

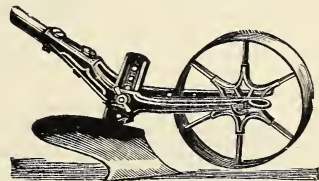
The No. 12 is a wonderful combination for a home gardener and is popular with market gardeners and truckers. Complete \$10.75.



Weight, 26 lbs.
Steel Frame
15-inch Steel Wheel

No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

Packed weight, 26 lbs. Complete, \$9.00.



Fire-Fly Garden Plow

Packed weight, 14 lbs. Price, \$4.25.

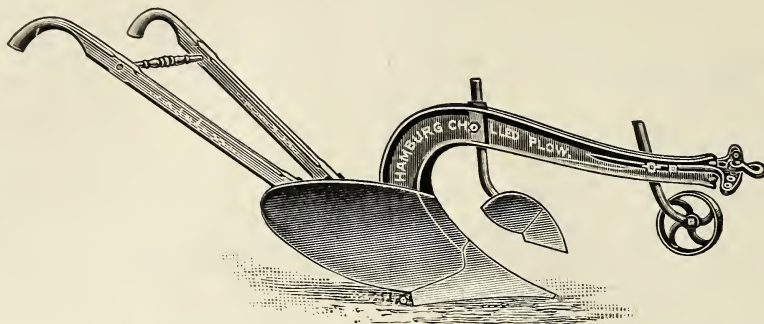
PLANET Jr., CATALOG FREE. Write today for one.

Mohr's Terra Cotta Cemetery Vase

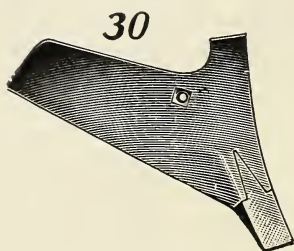
For Cut Flowers and Plants. No Blowing Over. In a tin vase water will warm up by the sun so rapidly that before you leave the cemetery your flowers are wilted beyond recovery, whereas a terra cotta vase, which is very thick, will keep the water cool all day and your flowers will remain fresh for several days.

A Great Vase. Parcel post to your door for \$2.00.

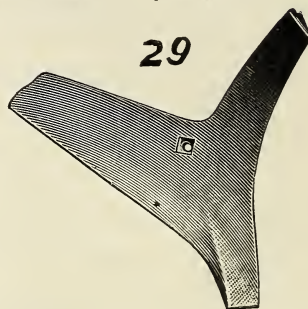
Implements and Repairs



No. 120 HAMBURG PLOW. Left hand, iron beam; clevis and wheel. Complete, \$22.50.



30



29

We carry one of the most complete lines of implements and repairs in the country

PLOWS, CULTIVATORS AND HARROWS

No. 28 Wiard Plow with jointer and wheel.
 No. 27 Wiard Plow with jointer and wheel.
 No. 21 Wiard Plow with Hill side.
 No. 126 Wiard Plow with Hill side.
 No. 116 Wiard Plow with Hill side.
 No. 120 Hamburg Iron beam.
 Pennsylvania 6-tooth sulky cultivator.
 Spring tooth Harrow.
 One-horse Cultivator, five and seven tooth Hoco Plows.
 Mowing Machine Sections, Guards, Rivets, Whole Knives, Pitman Boxes, Shoes, Knife Heads.

Binder Sections and Guards.
 Binder Twine, Fodder Yarn, Oil Cans.
 Single and Double Trees, Milk Bottle Caps and Carriers, Peach Baskets, Boxes, Bushel Baskets and Boxes, etc.
 All kinds Bee Supplies.
 Cultivator Steels, all sizes.
 Cultivator Handles, Plow Handles, Beams and Wrenches, etc., etc.

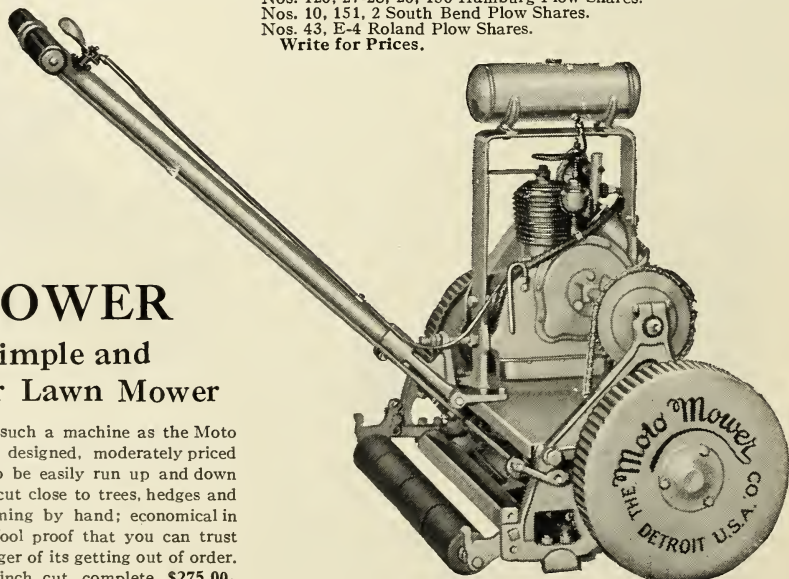
PLOW SHARES

Nos. 27, 28, 80, 81, 14, 21, 116, 126, 130, 502 Wiard Plow Shares.
 Nos. 20-78, 30-78, 22, 502, 501, 1-78 Syracuse Plow Shares.
 Nos. 40, 20, "E," 10 Oliver Plow Shares.
 Nos. 120, 27-28, 20, 150 Hamburg Plow Shares.
 Nos. 10, 151, 2 South Bend Plow Shares.
 Nos. 43, E-4 Roland Plow Shares.
 Write for Prices.

MOTO-MOWER

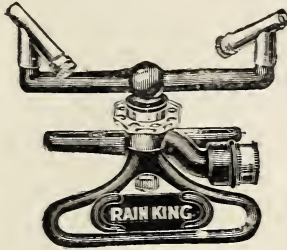
A Compact, Simple and Economical Power Lawn Mower

You have been looking for just such a machine as the Moto Mower—it is a simple, compactly designed, moderately priced power lawn mower; light enough to be easily run up and down over your terrace, small enough to cut close to trees, hedges and flower beds which eliminates trimming by hand; economical in gasoline and maintenance, and so fool proof that you can trust almost anyone to run it without danger of its getting out of order. 21-inch cut, complete, \$185.00; 27-inch cut, complete, \$275.00.



Rain King

Waters a small or large circle, 8 to 80 feet in diameter; nozzles turn in any direction and adjust quickly to a fine or coarse spray. Price, \$3.50 (by parcel post, \$3.75).

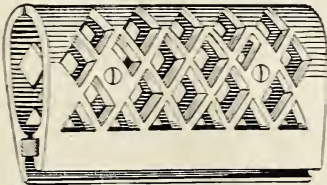


Rain King

"Tu-Way Sprinkler"

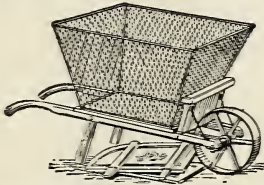
Something brand new and highly efficient in watering appliances—two sprinklers in one.

Half Circle or Border Spray, and easily changed to Full Circle. Will last for years. It is an ideal sprinkler for the small lot up to about 50x100 feet. Price, \$1.00 each.



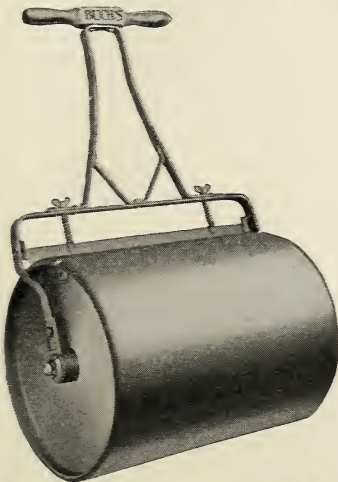
"Logan" Lawn Mower Sharpener

Sharpen your old mower. No grinding necessary. Adjusted for any thickness of blade and when properly set will give a uniform bevel. Price, 75c.



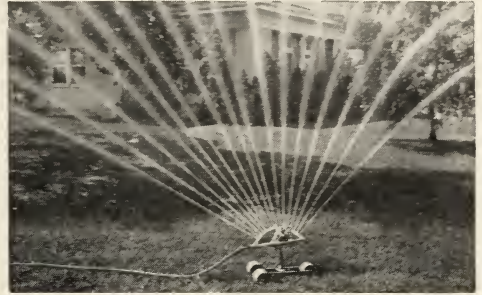
Keystone Leaf Rack

Holds about 10 bushels. Made of heavy galvanized diamond mesh wire. Price, \$8.00, not including wheelbarrow.

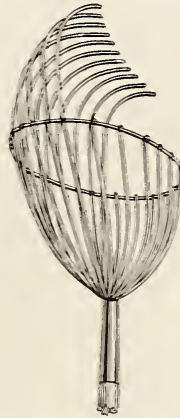


Water Ballast Lawn Roller

Fill it with water, which will weight it up to any number of pounds desired, as shown. Equipped with feature for balancing handles, which always keeps the handle in position ready for use; ball axle bearings. Made in three widths. No. 601—20 in. wide; No. 602—24 in. wide, and No. 603—24 in. wide. Respective weight when empty, 60, 75 and 180 lbs. When filled with water, 250, 330 and 525 lbs. Write for prices.



THE RAIN WAVE SPRINKLER consists of a water motor, which rocks back and forth carrying with it a curved arm in which are set sixteen special nozzles. These nozzles distribute the water evenly over a space from 50 to 60 feet wide and the waving motion of the motor swings it back and forth over a length of from 50 to 60 feet. So, you can depend upon from 2500 to 3600 square feet being covered at one setting. \$35.00.



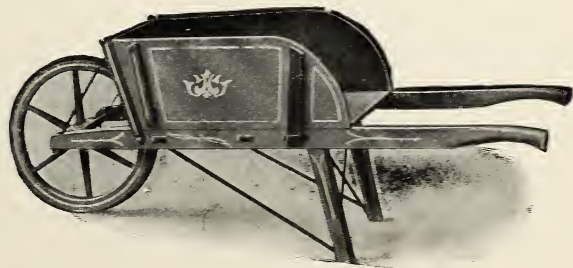
Fruit Picker

This cut almost speaks for itself, the device being so much like the human hand shows at once the utility of the article. Price, 60c.



Asbestos Torch

For burning out worms, caterpillars and other tree pests. Price, 70c.



Wheelbarrows

Our barrows are strong, roomy, for farmers and general use. Frames seasoned hardwood, painted red. Shipped knocked down. Furnished in two styles and three sizes. Write for prices and further particulars.

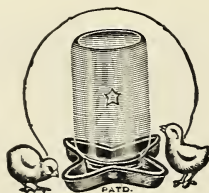
Poultry Supplies



Moe's Celluloid Colored Leg Bands

Best quality. Made of celluloid in six sizes and ten colors—white, black, dark blue, light blue, red, pink, garnet, green, yellow and purple.

Sizes, Asiatic, American Mediterranean, Bantam.	
12 Bands.....	\$0.15
25 Bands.....	.30
50 Bands.....	.50
100 Bands.....	1.00
500 Bands.....	3.60
1000 Bands.....	7.00



Moe's Star Fountain and Feeder

Made of a single piece of heavy metal. No solder, no seams, no loose parts. Suitable for feed as well as water. Little chicks can not drown. Fits any Mason jar in 1 pint, 1 quart and 2 quart sizes.

No. 32 (glass jar not included), each, 10c.



The All Season Poultry Fountain

All Season Poultry Fountains will serve both the poultryman and poultry 365 days each year. No trouble, no valves, no upkeep, nothing to regulate. No lamps, no fire, no danger, no expense.

No.	Capacity Gal.	Packed to Pkg.	Ship. Wt. Lbs.	Each
2-a.....	2	1	13	\$3.45
3.....	3	1	15	3.90
5.....	5	1	21	4.95

CARBOLA goes a long way toward keeping hens healthy and maintaining egg production through the winter months. It is a finely powdered mineral pigment mixed with a powerful disinfectant. Price, 5 lbs., 75c.; 10 lbs., \$1.25; 20 lbs., \$2.50; 50 lbs., \$5.00.

PRATT'S REMEDIES

PRATT'S POULTRY REGULATOR. It helps to make hens lay. A safe tonic to aid in the treatment of many common poultry ailments. Assists poultry, makes rapid growth, fatten more quickly and aids in developing pullets into earlier layers. Prices, 25c., 50c. and \$1.40 sizes.

PRATT'S CONDITIONER. A stock tonic for horses, cattle, hogs and sheep. 6 lbs., 60c.

PRATT'S ANIMAL REGULATOR. For horses, cattle, sheep, hogs, dairy cows, etc. Price, 50c.

PRATT'S REMEDIES—Continued

PRATT'S LICE KILLER. For poultry, cows, horses, hogs, dogs, cats and plants. Price, 25c.

PRATT'S ROUP TABLETS OR POWDER. Each 25c. per box.

PRATT'S BRONCHITIS TABLETS. To aid in treatment of bronchitis, colds and simple catarrh. 25c.

PRATT'S CONDITION TABLETS. For perfect health. Will restore lost appetite and correct diarrhoea. 30c.

PRATT'S SPECIAL COMPOUND. For simple bowel complaints. 25c.

PRATT'S SORE-HEAD CHICKEN POX REMEDY. 35c.

PRATT'S LICE SALVE. 30c.

PRATT'S SCALY-LEG OINTMENT. 30c.

PRATT'S HEAD LICE. For head lice on chicks and turkeys. 30c.

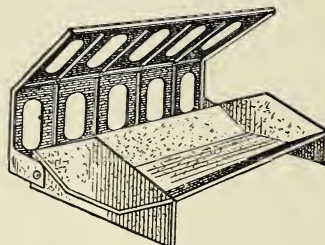
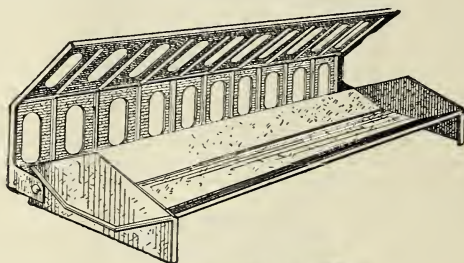
PRATT'S HEALING OINTMENT. For sores, cuts, bruises, wounds, scratches, boils, burns, abscesses, corns. 30c.

PRATT'S POULTRY DISINFECTANT AND LIQUID LICE KILLER. 1 qt., 55c.

PRATT'S RED MITE SPECIAL. For killing blue bugs, red mites, lice, fowl ticks and bird fleas. 1 qt., 55c.

PRATT'S GAPE COMPOUND. 25c.

PRATT'S WHITE DIARRHOEA TABLETS. 25c.

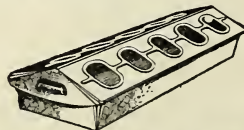


Double Feeding Troughs

Made of best quality galvanized iron, lift top. For chicks and growing stock.

No. 10—Has 10 feeder holes. 50c.

No. 20—Has 20 feeder holes. 65c.



"LEADER" FEEDING TROUGHS

A fine popular priced feeding trough made of galvanized iron and intended for chicks and growing stock. The pan and top are both stamped in one piece, no seams, rivets or solder used. Sliding top makes them easy to fill and keep clean.

No. 27—10 holes. 30c.

Bee Keeper Supplies

Write for illustrated Catalogue and Price List

Masser's Grass and Clover Seeds

All our farm seeds are sold under provisions of the Pennsylvania seed law. You can depend upon receiving the BEST QUALITY seeds from MASSER.

IF you have not used MASSER'S seeds before do not wait until next year, or until your neighbor tells you about the big crops he raised from our seeds. Buy Masser's seeds this year and know for yourself what quality seeds are.

We are unable to quote prices at the time our catalog is printed, owing to the fact that the market fluctuates so much. We will always be pleased, however, to quote by letter if you will drop us a line when you are ready to buy, also mailing you sample of seeds that you wish prices on. We handle only the highest grades.

KENTUCKY BLUE GRASS, FANCY CLEANED (*Poa pratensis*). Also known as June Grass, Green Grass, etc. Rated as one of the best permanent grasses, especially useful for lawns, meadows and rich land. It is the grass of the famous limestone soils of Kentucky, and is also a favorite in all the Northern States. Sow 3 to 5 bushels per acre for lawn; 2 bushels per acre for pasture.

CANADIAN BLUE GRASS (*Poa Compressa*). Thrives well on clay. Grows a foot or more in height and yields a great weight of hay. Sow 60 lbs. per acre.

RED-TOP, OR HERDS GRASS (*Agrostis vulgaris*). Suitable for meadow, also lawns and pasture. Sow 3 to 4 bushels per acre for lawns; for pasture, 1½ to 3 bushels per acre.

ORCHARD GRASS (*Dactylis Glomerata*). One of the most valuable of the pasture grasses; makes a good hay. Sow 3 bushels to the acre.

ENGLISH RYE GRASS, PERENNIAL RYE (*Lolium perenne*). Sow 60 lbs. to the acre.

MEADOW FESCUE (*Festuca pratensis*). English Blue Grass, or Sweet Grass. Sow 40 lbs. to the acre.

SHEEP'S FESCUE (*Festuca ovina*). Valuable for lawns and sheep's pastures. 40 lbs. to the acre.

RED, OR CREEPING FESCUE (*Festuca rubra*). For sandy soils and putting greens. 30 lbs. to the acre.

CREEPING BENT GRASS (*Agrostis stolonifera*). Excellent for lawns; makes a low velvety growth. 60 lbs. to the acre. Very scarce, write for price stating quantity wanted.

TIMOTHY (*Phleum pratense*). Sow ½ bushel to the acre alone, or 8 to 10 quarts if used with other grass seeds. 45 lbs. to the bushel.

Clover Seed

RED CLOVER, MEDIUM (*Trifolium pratense*). Sow spring or fall, 10 to 15 lbs. per acre. Write for price.

MAMMOTH RED CLOVER (*Trifolium pratense perenne*). For plowing under. 10 to 15 lbs. per acre. Write for price.

ALSIKE OR SWEDISH CLOVER (*Trifolium hybridum*). Sow 8 lbs. to the acre when used alone. Write for price.

WHITE DUTCH CLOVER (*Trifolium repens*). Excellent for lawns. Sow 8 lbs. to the acre alone or 4 lbs. when used with other grasses.

SWEET CLOVER, BOKHARA (*Melilotus alba*). Grown for Bee food and as fertilizer. Sow 20 lbs. to the acre.

CRIMSON, OR SCARLET CLOVER. Write for price.

ALFALFA, OR LUCERNE (*Medicago sativa*). Produces 3 to 4 heavy crops of nutritious hay in a season. Write for special leaflet and price per bushel.

Broom Corn

IMPROVED EVERGREEN. This variety is extensively grown on account of the color and quality of its brush, which is long, fine and straight, and always green; grows 7 feet high. Sow 10 pounds to the acre in good, deep, dry soil.

Sunflower

MAMMOTH RUSSIAN. May be grown to advantage on waste ground. An excellent and cheap food for fowls. All farmers should plant this, if only for feeding chickens. It is enormously productive, as the heads sometimes measure 18 inches in diameter. Plant 5 pounds to the acre.

Sudan Grass

A new forage plant which is valuable in the Middle West and may also be grown in the East. It is an annual related to the sorghums, and is valuable both for hay and silo. Grows from six to ten feet high, makes small leafy stems, and is greatly relished by stock. Sow seed when ground has become warm, using 4 to 6 lbs. per acre, in drills 18 to 24 inches apart, and cultivate like corn.

Millet

GERMAN, OR GOLDEN MILLET (*Panicum Germanicum*). A valuable annual hay and fodder crop. Sow 1 bushel to the acre. Bushel (50 lbs.), write for price.

Vetches

SPRING VETCHES, OR TARES (*Vicia Sativa*). Highly valuable for soiling or for green manuring. Use 2 or 3 bushels to acre, broadcast, or 1 to 2 bushels in drills.

WINTER VETCHES, OR TARES (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing. Sow 1 bushel of the seed per acre, with 1 bushel of rye.

Soja Beans

WILSON SOJA. An excellent variety for Middle and Eastern States. Grows 36 to 44 inches high, branches well, holds leaves and the seeds do not shatter from pods after cutting. In Delaware it matured in 115 days, and the plants held the seed well. Write for price.

MAMMOTH YELLOW SOJA BEAN. Valuable as a forage crop and for silo purposes. It matures late and is very popular for forage purposes, also productive. Most valuable for growing in the Southern States. Write for price.

Rape

DWARF ESSEX RAPE. A valuable forage plant which can be sown in this latitude in April for early crop, or as late as September for fall crop. Sown broadcast at the rate of 10 lbs. to the acre, or 5 lbs. in drills.

Peas for Fodder and Green Manuring

CANADIAN FIELD PEAS. Valuable for Northern climates for cattle-feeding and for green soiling, and is also used in large quantities for feeding pigeons. Sow 1½ bushels per acre with ½ bushel of oats. Write for price.

NEW ERA COW PEAS. An upright-growing variety, which matures quickly and produces a large crop of Peas. The vines are small, but cure nicely and make a good forage. Write for price.

WHIP-POOR-WILL COW PEAS. An early variety; grows upright, vigorous, and the crop is easy to harvest. We sell more of this variety than any other, and consider it the best for general purposes. Write for price.

CLAY COW PEAS. A medium late variety, of running habit and strong growth. Write for price.

Inoculate this
Seed with
FARMOGERM

Reid's Thoroughbred Yellow Dent

If any seed grain can truly be called pedigreed, the Reid's Yellow Dent Field Corn is certainly entitled to be known as such, as its history dates many years back.

IMPROVED LEAMING CORN. Its extreme earliness and fine quality has made it very popular with the farmers, and especially with those in the localities where the seasons are short. It produces from 65 to 90 bushels to the acre, in accordance with the quality of the soil. The ears and grains are of medium size.

IOWA GOLD MINE CORN. A splendid Yellow Dent variety. It is early, ears are not excessively large, but of a good size and symmetrical. Color a bright, golden yellow shining like a new coin direct from the mint. Grain is very dry, cob small and dries out nearly as soon as it ripens.

KAUFMAN 90 DAY YELLOW. This splendid yellow corn is one of the best and most reliable cropping corns in cultivation. Grain is a broad, golden yellow of uniform size; thin red cob; ears usually averaging eight to ten inches long. Most attractive and greatest yielding yellow corn.

HICKORY KING WHITE CORN. The largest-grained and smallest-cobbed pure White Dent Corn in cultivation.

EVERGREEN BROOM CORN, IMPROVED. An excellent variety; is a good length, fine, straight and has a green appearance when ripe, and sells at the highest market price. Sow in drills three feet apart and thin out to 3 inches. Sow 5 lbs. per acre.

EUREKA ENSILAGE CORN. A very large growing leafy stalk sort, and one of the best silo corns.

Write for Prices of Corn



A. W. M. CELEBRATED LAWN GRASS SEED

A Beautiful Lawn is much desired by every home owner, whether he lives in a large city, small town, village or on the farm. A good lawn adds more to the appearance of your home than any other one thing. There are several necessary things that enter into the making of a good lawn, but the most essential is suitable seed, for without good seed all your labor and other expense is wasted.

FIRST—A rich, properly prepared soil, if the ground is naturally rich all that is necessary is that it be well spaded, making it as fine and mellow as possible. If, as is often the case, it consists of earth from the excavation for the house, or is hard or lumpy, it should first receive a good dressing of **Wizard Brand sheep manure**, which should be spaded in and mixed with the soil, making it fine and smooth.

SECOND—You must have good seed of the right varieties—this you find in **A. W. M. City Park Lawn Grass**. This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula and is a careful blending of varieties adapted to producing the thick growth and velvety appearance. Each variety of grass in its composition is there for a special purpose, some for making strong, fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down. Varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains. **A. W. M. City Park Lawn Grass Prices: Lb., 40c.; 5 Lbs., \$1.75; Bushel of 20 Lbs., \$7.00.**

A. W. M. Shady Lawn Grass—Usually it is quite difficult to obtain a satisfactory growth of grass under the trees and in shady places, for sowing such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. **A. W. M. Shady Lawn Grass Prices: Lb., 40c.; 5 Lbs., \$1.75; Bushel of 20 Lbs., \$7.00.**

A. W. M. White Dutch Clover. Choicest. Recleaned for sowing on lawns, pastures, etc. **1 Lb., 70c.; 5 Lbs., \$3.25.**

All our grass seeds are guaranteed to comply with the pure seed act of the State of Pennsylvania, Act No. 159, July 1, 1921.